

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5296	3	2	5257	6
18	5268	54	10	5239	30
32	5319	96	26	5278	78
34	5273	102	32	5263	96
46	5270	138	35	5231	105
51	5294	153	36	5254	108
55	5297	165	44	5287	132
56	5292	168	50	5241	150
59	5274	177	58	5289	174
62	5315	186	59	5286	177
64	5283	192	66	5234	198
67	5316	201	74	5276	222
80	5314	240	76	5256	228
84	5262	252	81	5266	243
86	5278	258	87	5253	261
89	5301	267	92	5271	276
91	5293	273	99	5252	297
92	5260	276	--	--	--
96	5302	288	--	--	--

Statistical Performance Check for 802.11ac-VHT80 + 80 - 5290MHz

Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5280.4	1	778	68	1
2	5322.8	1	678	78	1
3	5305.8	1	578	92	1
4	5277.3	1	798	67	1
5	5329.0	1	638	83	1
6	5325.5	1	758	70	1
7	5251.0	1	558	95	1
8	5302.5	1	618	86	1
9	5283.2	1	858	62	1
10	5319.3	1	838	63	1
11	5258.9	1	658	81	1
12	5299.2	1	3066	18	1
13	5274.2	1	518	102	1
14	5315.7	1	918	58	1
15	5261.5	1	538	99	1
16	5292.6	1	1176	45	1
17	5271.7	1	1935	28	1
18	5253.7	1	2242	24	1
19	5295.6	1	769	69	1
20	5286.6	1	1997	27	1
21	5264.1	1	1332	40	1
22	5328.3	1	1818	30	1
23	5256.3	1	1870	29	1
24	5309.2	1	2201	24	1
25	5290.0	1	2369	23	1
26	5266.4	1	1220	44	1
27	5312.7	1	2067	26	1
28	5288.9	1	1069	50	1
29	5269.0	1	2448	22	1
30	5290.0	1	2133	25	1
Detection Percentage (%)					100%

Radar Type 2 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5265.7	3.3	184	25	1
2	5329.0	1.9	151	27	1
3	5285.6	2.0	188	28	1
4	5291.4	1.0	230	24	1
5	5251.0	1.0	159	23	1
6	5304.2	3.6	229	29	1
7	5287.8	2.5	211	28	0
8	5268.6	2.1	207	24	1
9	5263.5	2.7	202	29	1
10	5301.9	1.0	225	28	1
11	5290.0	2.6	203	29	1
12	5282.5	2.2	221	27	1
13	5294.8	3.6	195	23	1
14	5290.0	3.3	174	23	1
15	5252.5	2.1	207	25	1
16	5298.4	2.1	154	27	1
17	5279.4	2.0	179	26	1
18	5308.7	1.3	181	28	0
19	5260.3	1.7	200	27	1
20	5327.2	3.0	158	24	1
21	5270.3	3.9	226	26	1
22	5318.6	2.4	213	28	1
23	5311.4	4.0	150	29	1
24	5324.9	2.9	201	29	1
25	5273.7	2.5	170	27	1
26	5321.5	2.4	177	24	1
27	5255.2	1.1	218	23	1
28	5314.5	3.7	216	28	0
29	5276.3	2.4	181	27	1
30	5257.5	4.0	182	29	1
Detection Percentage (%)					90.0%

Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5275.3	9.0	423	16	1
2	5326.8	6.5	265	18	1
3	5290.0	9.3	292	17	1
4	5329.0	9.3	469	17	1
5	5272.6	8.3	251	18	0
6	5323.6	6.2	357	16	1
7	5290.0	9.4	444	17	1
8	5266.4	7.3	333	18	1
9	5293.7	8.8	310	18	1
10	5296.2	6.9	485	16	1
11	5278.3	8.1	332	18	1
12	5303.4	9.3	263	17	1
13	5251.0	9.2	411	17	1
14	5320.3	6.4	471	17	1
15	5297.3	6.8	330	17	1
16	5267.7	9.8	438	16	1
17	5306.2	8.3	459	16	1
18	5307.6	8.8	356	18	1
19	5254.5	8.8	264	17	1
20	5299.5	8.6	456	16	1
21	5281.4	8.4	320	18	1
22	5310.4	9.3	381	18	1
23	5252.4	9.4	316	17	1
24	5319.3	6.0	349	16	1
25	5284.5	8.3	373	17	1
26	5259.2	9.3	305	17	1
27	5313.5	8.0	474	18	1
28	5289.1	6.3	297	17	1
29	5316.3	8.4	402	17	1
30	5262.6	6.7	299	16	1
Detection Percentage (%)					96.7%

Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5290.0	19.7	269	13	1
2	5328.3	15.3	278	12	1
3	5256.3	18.2	308	15	1
4	5290.0	15.9	424	14	0
5	5277.3	13.3	458	15	1
6	5309.2	15.7	405	14	1
7	5253.7	17.9	348	15	1
8	5288.9	16.3	306	15	0
9	5280.4	19.2	269	12	1
10	5274.2	11.8	268	13	1
11	5258.9	13.8	473	14	1
12	5292.6	14.3	269	12	1
13	5283.2	15.4	344	16	1
14	5261.5	18.7	337	15	0
15	5305.8	17.7	316	12	1
16	5251.0	19.2	261	13	1
17	5295.6	19.0	446	15	1
18	5286.6	13.9	373	13	1
19	5271.7	11.5	337	15	1
20	5312.7	13.3	276	14	1
21	5302.5	17.6	347	12	1
22	5325.5	14.2	383	14	1
23	5264.1	16.7	421	12	1
24	5329.0	17.0	306	16	1
25	5315.7	11.0	442	12	1
26	5299.2	18.2	356	16	1
27	5322.8	15.7	412	12	1
28	5266.4	15.5	305	12	0
29	5319.3	17.9	390	13	1
30	5269.0	12.8	359	16	1
Detection Percentage (%)					86.7%

Note: In addition an average minimum percentage of successful detection across all four Short pulse radar test

waveforms is as follows: $\frac{P_d1 + P_d2 + P_d3 + P_d4}{4} = (100\% + 90.0\% + 96.7\% + 86.7\%) / 4 = 93.3\% (>80\%)$

Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5259.2	1	16	5290.0	1
2	5255.6	1	17	5290.0	1
3	5259.6	1	18	5290.0	1
4	5254.0	1	19	5290.0	1
5	5257.6	1	20	5290.0	1
6	5254.4	1	21	5320.4	1
7	5258.8	1	22	5324.4	1
8	5255.2	1	23	5324.0	1
9	5256.8	1	24	5320.8	1
10	5256.0	1	25	5325.6	1
11	5290.0	1	26	5322.4	1
12	5290.0	1	27	5326.0	1
13	5290.0	1	28	5323.2	1
14	5290.0	1	29	5324.8	1
15	5290.0	1	30	5321.2	1
Detection Percentage (%)					100%

Type 5 Radar Waveform_1										
Num of Bursts = 15 Burst Interval (us) = 800000										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	413551	1	18	95	1954	0	0	413551	0	799999
2	1149651	3	18	65	1595	1609	1500	1565156	800000	1599999
3	216660	2	18	50	1273	1938	0	1786520	1600000	2399999
4	698554	1	18	70	1016	0	0	2488285	2400000	3199999
5	1102125	2	18	90	1827	1283	0	3591426	3200000	3999999
6	1087671	2	18	50	1225	1354	0	4682207	4000000	4799999
7	303253	2	18	90	1442	1862	0	4988039	4800000	5599999
8	1261013	2	18	85	1332	1324	0	6252356	5600000	6399999
9	588445	3	18	80	1387	1921	1121	6843457	6400000	7199999
10	1021511	3	18	70	1968	1059	1376	7869397	7200000	7999999
11	470600	2	18	95	1723	1512	0	8344400	8000000	8799999
12	1110604	3	18	60	1978	1390	1247	9458239	8800000	9599999
13	443617	1	18	60	1892	0	0	9906471	9600000	10399999
14	493669	2	18	85	1916	1314	0	10402032	10400000	11199999
15	1299991	3	18	60	1659	1543	1320	11705253	11200000	11999999
Total number of pulses in waveform = 32										

**Type 5 Radar Waveform_2**

Num of Bursts = 8
Burst Interval (us)= 1500000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1383096	3	9	60	1707	1579	1927	1383096	0	1499999
2	715593	3	9	90	1972	1708	1580	2103902	1500000	2999999
3	2167906	2	9	60	1222	1128	0	4277068	3000000	4499999
4	1332102	3	9	80	1285	1089	1899	5611520	4500000	5999999
5	784654	2	9	85	1734	1158	0	6400447	6000000	7499999
6	1265311	2	9	65	1528	1472	0	7668650	7500000	8999999
7	2135737	3	9	50	1563	1122	1770	9807387	9000000	10499999
8	1360729	1	9	70	1672	0	0	11172571	10500000	11999999

Total number of pulses in waveform = 19

Type 5 Radar Waveform_3

Num of Bursts = 16
Burst Interval (us)= 750000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	69	1	19	100	1109	0	0	69	0	749999
2	798482	1	19	95	1504	0	0	798660	750000	1499999
3	1441901	1	19	50	1989	0	0	2243065	1500000	2249999
4	107827	3	19	95	1174	1208	1499	2352881	2250000	2999999
5	705710	2	19	55	1239	1523	0	3062472	3000000	3749999
6	894497	2	19	65	1881	1257	0	3959731	3750000	4499999
7	632701	3	19	95	1976	1320	1426	4595570	4500000	5249999
8	976346	2	19	85	1459	1646	0	5576638	5250000	5999999
9	1072271	1	19	55	1923	0	0	6652014	6000000	6749999
10	208985	3	19	55	1119	1482	1283	6862922	6750000	7499999
11	1087644	3	19	80	1312	1163	1279	7954450	7500000	8249999
12	885614	2	19	60	1753	1594	0	8843818	8250000	8999999
13	411492	2	19	95	1954	1596	0	9258657	9000000	9749999
14	802111	1	19	50	1981	0	0	10064318	9750000	10499999
15	840020	2	19	65	1368	1285	0	10906319	10500000	11249999
16	979510	2	19	55	1262	1371	0	11888482	11250000	11999999

Total number of pulses in waveform = 31

Type 5 Radar Waveform_4

Num of Bursts = 10
Burst Interval (us)= 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1106369	3	5	95	1445	1757	1399	1106369	0	1199999
2	779440	2	5	100	1005	1314	0	1890410	1200000	2399999
3	796241	1	5	90	1953	0	0	2688970	2400000	3599999
4	1631340	3	5	60	1389	1584	1566	4322263	3600000	4799999
5	817802	2	5	95	1326	1902	0	5144604	4800000	5999999
6	1250501	1	5	90	1805	0	0	6398333	6000000	7199999
7	1584982	3	5	55	1530	1660	1464	7985120	7200000	8399999
8	771440	3	5	85	1772	1239	1373	8761214	8400000	9599999
9	1813049	3	5	75	1737	1228	1563	10578647	9600000	10799999
10	958614	1	5	70	1142	0	0	11541789	10800000	11999999

Total number of pulses in waveform = 22

**Type 5 Radar Waveform_5**

Num of Bursts = 11
Burst Interval (us)= 1090909

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1040122	1	14	50	1878	0	0	1040122	0	1090908
2	71695	3	14	95	1154	1207	1687	1113695	1090909	2181817
3	2059298	2	14	55	1366	1695	0	3177041	2181818	3272726
4	550891	1	14	100	1904	0	0	3730993	3272727	4363635
5	692040	1	14	50	1089	0	0	4424937	4363636	5454544
6	1370916	3	14	75	1009	1677	1236	5796942	5454545	6545453
7	1766659	2	14	65	1502	1206	0	7567523	6545454	7636362
8	93891	2	14	60	1640	1297	0	7664122	7636363	8727271
9	1353094	2	14	55	1302	1241	0	9020153	8727272	9818180
10	1819196	3	14	80	1898	1495	1268	10841892	9818181	10909089
11	994187	3	14	60	1110	1384	1084	11840740	10909090	11999998

Total number of pulses in waveform = 23

Type 5 Radar Waveform_6

Num of Bursts = 15
Burst Interval (us)= 800000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	650037	2	6	60	1845	1598	0	650037	0	799999
2	906559	2	6	85	1578	1204	0	1560039	800000	1599999
3	292784	1	6	90	1488	0	0	1855605	1600000	2399999
4	914150	2	6	50	1975	1117	0	2771243	2400000	3199999
5	706204	1	6	75	1724	0	0	3480539	3200000	3999999
6	801935	1	6	90	1861	0	0	4284198	4000000	4799999
7	851065	3	6	80	1564	1091	1313	5137124	4800000	5599999
8	793487	1	6	50	1177	0	0	5934579	5600000	6399999
9	539526	2	6	55	1131	1402	0	6475282	6400000	7199999
10	1448463	3	6	100	1678	1832	1476	7926278	7200000	7999999
11	176413	2	6	75	1408	1637	0	8107677	8000000	8799999
12	698843	2	6	85	1511	1399	0	8809565	8800000	9599999
13	1137893	1	6	50	1089	0	0	9950368	9600000	10399999
14	797561	3	6	90	1021	1702	1667	10749018	10400000	11199999
15	523327	1	6	65	1059	0	0	11276735	11200000	11999999

Total number of pulses in waveform = 27

Type 5 Radar Waveform_7

Num of Bursts = 11
Burst Interval (us)= 1090909

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1059290	2	17	95	1567	1634	0	1059290	0	1090908
2	629971	3	17	55	1291	1301	1821	1692462	1090909	2181817
3	1017913	3	17	80	1646	1603	1640	2714788	2181818	3272726
4	738157	3	17	65	1469	1224	1564	3457834	3272727	4363635
5	1641435	1	17	90	1999	0	0	5103526	4363636	5454544
6	1370668	2	17	55	1556	1991	0	6476193	5454545	6545453
7	367419	3	17	70	1270	1296	1041	6847159	6545454	7636362
8	1076665	2	17	95	1939	1225	0	7927431	7636363	8727271
9	1314237	1	17	75	1295	0	0	9244832	8727272	9818180
10	1460643	2	17	60	1952	1834	0	10706770	9818181	10909089
11	1080273	2	17	85	1473	1114	0	11790829	10909090	11999998

Total number of pulses in waveform = 24



Type 5 Radar Waveform_8

Num of Bursts = 9
Burst Interval (us)= 1333333

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	161946	1	8	75	1639	0	0	161946	0	1333332
2	1704830	1	8	65	1583	0	0	1868415	1333333	2666665
3	909813	1	8	80	1732	0	0	2779811	2666666	3999998
4	2125320	1	8	70	1532	0	0	4906863	3999999	5333331
5	576437	3	8	85	1131	1105	1939	5484832	5333332	6666664
6	1396187	3	8	70	1029	1953	1586	6885194	6666665	7999997
7	1706291	3	8	80	1311	1495	1860	8596053	7999998	9333330
8	829053	1	8	85	1802	0	0	9429772	9333331	10666663
9	1599976	1	8	80	1312	0	0	11031550	10666664	11999996

Total number of pulses in waveform = 15

Type 5 Radar Waveform_9

Num of Bursts = 15
Burst Interval (us)= 800000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	12063	3	12	80	1366	1929	1887	12063	0	799999
2	1021695	3	12	85	1761	1458	1972	1038940	800000	1599999
3	1010361	2	12	55	1262	1450	0	2054492	1600000	2399999
4	606442	2	12	50	1241	1584	0	2663646	2400000	3199999
5	1155232	3	12	75	1406	1864	1544	3821703	3200000	3999999
6	518981	3	12	95	1511	1783	1400	4345498	4000000	4799999
7	965886	1	12	65	1127	0	0	5316078	4800000	5599999
8	441094	1	12	70	1633	0	0	5758299	5600000	6399999
9	764136	2	12	50	1950	1530	0	6524068	6400000	7199999
10	1284887	2	12	100	1310	1283	0	7812435	7200000	7999999
11	352166	1	12	50	1165	0	0	8167194	8000000	8799999
12	1381665	3	12	85	1081	1424	1040	9550024	8800000	9599999
13	469163	3	12	85	1251	1313	1245	10022732	9600000	10399999
14	602626	1	12	90	1779	0	0	10629167	10400000	11199999
15	907995	3	12	80	1950	1050	1281	11538941	11200000	11999999

Total number of pulses in waveform = 33

Type 5 Radar Waveform_10

Num of Bursts = 17
Burst Interval (us)= 705882

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	680046	1	10	70	1168	0	0	680046	0	705881
2	180762	3	10	70	1540	1549	1035	861976	705882	1411763
3	861339	1	10	90	1079	0	0	1727439	1411764	2117645
4	722992	2	10	75	1685	1717	0	2451510	2117646	2823527
5	938226	3	10	90	1470	1623	1848	3393138	2823528	3529409
6	246961	3	10	80	1243	1999	1694	3645040	3529410	4235291
7	891236	3	10	55	1965	1858	1371	4541212	4235292	4941173
8	683507	3	10	55	1935	1251	1837	5229913	4941174	5647055
9	445536	3	10	50	1636	1031	1654	5680472	5647056	6352937
10	999675	1	10	90	1692	0	0	6684468	6352938	7058819
11	668473	2	10	75	1688	1284	0	7354633	7058820	7764701
12	497787	3	10	60	1917	1830	1964	7855392	7764702	8470583
13	1196353	2	10	65	1570	1966	0	9057456	8470584	9176465
14	471145	3	10	95	1131	1691	1808	9532137	9176466	9882347
15	417859	3	10	50	1749	1582	1214	9954626	9882348	10588229
16	1030876	2	10	85	1094	1264	0	10990047	10588230	11294111
17	368423	1	10	70	1373	0	0	11360828	11294112	11999993

Total number of pulses in waveform = 39



Type 5 Radar Waveform_11

Num of Bursts = 10
Burst Interval (us)= 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	863269	3	12	75	1079	1204	1064	863269	0	1199999
2	1500616	1	12	95	1431	0	0	2367232	1200000	2399999
3	1201655	1	12	85	1378	0	0	3570318	2400000	3599999
4	1038821	2	12	90	1129	1155	0	4610517	3600000	4799999
5	1206706	3	12	75	1482	1713	1206	5819507	4800000	5999999
6	438288	2	12	50	1142	1063	0	6262196	6000000	7199999
7	1093830	2	12	75	1264	1291	0	7358231	7200000	8399999
8	1536038	3	12	80	1904	1308	1647	8896824	8400000	9599999
9	1867695	2	12	55	1816	1770	0	10769378	9600000	10799999
10	865412	2	12	85	1350	1327	0	11638376	10800000	11999999

Total number of pulses in waveform = 21

Type 5 Radar Waveform_12

Num of Bursts = 18
Burst Interval (us)= 666667

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	371267	2	8	50	1619	1631	0	371267	0	666666
2	729176	3	8	60	1233	1067	1686	1103593	666667	1333333
3	765604	3	8	80	1081	1232	1632	1873183	1333334	2000000
4	569940	1	8	65	1688	0	0	2447068	2000001	2666667
5	588183	1	8	80	1103	0	0	3036839	2666668	3333334
6	590433	1	8	70	1412	0	0	3628375	3333335	4000001
7	396864	1	8	85	1286	0	0	4026651	4000002	4666668
8	989080	1	8	75	1178	0	0	5017017	4666669	5333335
9	642608	1	8	55	1326	0	0	5660803	5333336	6000002
10	973967	3	8	90	1346	1177	1763	6636096	6000003	6666669
11	323795	3	8	95	1323	1985	1689	6964177	6666670	7333336
12	811018	3	8	75	1165	1209	1574	7780192	7333337	8000003
13	499273	3	8	95	1800	1507	1138	8283413	8000004	8666670
14	447249	3	8	95	1117	1261	1070	8735107	8666671	9333337
15	690411	1	8	55	1833	0	0	9418966	9333338	10000004
16	691725	3	8	95	1696	1542	1931	10112524	10000005	10666671
17	899922	3	8	70	1451	1752	1442	11017615	10666672	11333338
18	660125	3	8	90	1952	1650	1354	11682385	11333339	12000005

Total number of pulses in waveform = 39

Type 5 Radar Waveform_13

Num of Bursts = 14
Burst Interval (us)= 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	498335	3	9	85	1752	1218	1243	498335	0	857142
2	555136	1	9	50	1615	0	0	1057684	857143	1714285
3	659146	2	9	60	1720	1431	0	1718445	1714286	2571428
4	1691373	3	9	90	1503	1234	1005	3412969	2571429	3428571
5	306777	2	9	50	1995	1536	0	3723488	3428572	4285714
6	810278	2	9	90	1045	1362	0	4537297	4285715	5142857
7	1454695	1	9	80	1832	0	0	5994399	5142858	6000000
8	445194	3	9	75	1609	1023	1817	6441425	6000001	6857143
9	1193446	2	9	90	1871	1542	0	7639320	6857144	7714286
10	253943	2	9	75	1856	1744	0	7896676	7714287	8571429
11	1180940	3	9	80	1023	1377	1283	9081216	8571430	9428572
12	734406	3	9	80	1559	1832	1552	9819305	9428573	10285715
13	1056111	2	9	50	1460	1299	0	10880359	10285716	11142858
14	657989	1	9	55	1446	0	0	11541107	11142859	12000001

Total number of pulses in waveform = 30



Type 5 Radar Waveform_14

Num of Bursts = 20
Burst Interval (us) = 600000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	446386	1	17	70	1475	0	0	446386	0	599999
2	712830	1	17	100	1794	0	0	1160691	600000	1199999
3	153493	1	17	70	1252	0	0	1315978	1200000	1799999
4	1073395	3	17	70	1171	1794	1921	2390625	1800000	2399999
5	507049	3	17	95	1958	1964	1936	2901960	2400000	2999999
6	556438	1	17	80	1628	0	0	3463656	3000000	3599999
7	641417	1	17	65	1047	0	0	4106701	3600000	4199999
8	269699	1	17	95	1871	0	0	4377447	4200000	4799999
9	648646	2	17	85	1762	1930	0	5027964	4800000	5399999
10	862255	3	17	65	1363	1315	1535	5893911	5400000	5999999
11	239035	2	17	100	1225	2000	0	6137159	6000000	6599999
12	498813	3	17	50	1641	1228	1492	6639197	6600000	7199999
13	598512	3	17	75	1908	1169	1767	7242070	7200000	7799999
14	791769	2	17	75	1690	1817	0	8038663	7800000	8399999
15	749569	3	17	75	1564	1489	1877	8791739	8400000	8999999
16	662652	1	17	70	1847	0	0	9459321	9000000	9599999
17	378523	3	17	50	1169	1183	1002	9839691	9600000	10199999
18	676166	1	17	50	1720	0	0	10519211	10200000	10799999
19	502274	1	17	90	1956	0	0	11023205	10800000	11399999
20	698412	2	17	60	1804	1549	0	11723573	11400000	11999999

Total number of pulses in waveform = 38

Type 5 Radar Waveform_15

Num of Bursts = 18
Burst Interval (us) = 666667

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	101475	3	18	95	1728	1596	1008	101475	0	666666
2	585631	1	18	70	1759	0	0	691438	666667	1333333
3	846624	2	18	90	1465	1063	0	1539821	1333334	2000000
4	676959	3	18	70	1091	1026	1270	2219308	2000001	2666667
5	851596	3	18	75	1080	1923	1806	3074291	2666668	3333334
6	521510	3	18	65	1104	1444	1528	3600610	3333335	4000001
7	513503	1	18	65	1374	0	0	4118189	4000002	4666668
8	919716	1	18	50	1407	0	0	5039279	4666669	5333335
9	917555	3	18	70	1070	1899	1537	5958241	5333336	6000002
10	335080	3	18	60	1463	1264	1873	6297827	6000003	6666669
11	572426	1	18	75	1558	0	0	6874853	6666670	7333336
12	1003412	1	18	100	1330	0	0	7879823	7333337	8000003
13	155263	2	18	95	1200	1535	0	8036416	8000004	8666670
14	854475	2	18	65	1989	1450	0	8893626	8666671	9333337
15	619366	1	18	100	1207	0	0	9516431	9333338	10000004
16	662384	1	18	70	1180	0	0	10180022	10000005	10666671
17	606375	2	18	50	1133	1761	0	10787577	10666672	11333338
18	1207599	1	18	95	1888	0	0	11998070	11333339	12000005

Total number of pulses in waveform = 34

Type 5 Radar Waveform_16

Num of Bursts = 16
Burst Interval (us) = 750000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	134520	2	5	50	1797	1108	0	134520	0	749999
2	1252860	3	5	65	1206	1711	1260	1390285	750000	1499999
3	435229	1	5	85	1177	0	0	1829691	1500000	2249999
4	524903	2	5	55	1631	1052	0	2355771	2250000	2999999
5	1106449	1	5	50	1823	0	0	3464903	3000000	3749999
6	847225	2	5	80	1835	1071	0	4313951	3750000	4499999
7	599711	3	5	100	1597	1759	1645	4916568	4500000	5249999
8	819523	1	5	85	1062	0	0	5741092	5250000	5999999
9	740200	1	5	75	1855	0	0	6482354	6000000	6749999
10	465551	3	5	60	1893	1051	1911	6949760	6750000	7499999
11	1170484	2	5	80	1134	1170	0	8125099	7500000	8249999
12	353929	1	5	75	1015	0	0	8481332	8250000	8999999
13	813019	3	5	60	1279	1509	1806	9295366	9000000	9749999
14	508631	3	5	100	1689	1192	1345	9808591	9750000	10499999
15	1280530	3	5	100	1291	1163	1655	11093348	10500000	11249999
16	539140	3	5	95	1018	1895	1530	11636597	11250000	11999999

Total number of pulses in waveform = 34



Type 5 Radar Waveform_17

Num of Bursts = 15
Burst Interval (us)= 800000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval(us)
1	265696	3	10	75	1923	1443	1417	265696	0	799999
2	690780	3	10	65	1984	1309	1983	961259	800000	1599999
3	818536	1	10	90	1754	0	0	1785071	1600000	2399999
4	1306423	1	10	95	1011	0	0	3093248	2400000	3199999
5	895920	1	10	85	1204	0	0	3990179	3200000	3999999
6	762260	1	10	70	1611	0	0	4753643	4000000	4799999
7	119042	2	10	85	1541	1424	0	4874296	4800000	5599999
8	1483659	1	10	60	1134	0	0	6360920	5600000	6399999
9	111154	3	10	60	1219	1682	1504	6473208	6400000	7199999
10	796187	1	10	70	1978	0	0	7273800	7200000	7999999
11	931077	1	10	85	1032	0	0	8206855	8000000	8799999
12	734420	2	10	80	1051	1269	0	8942307	8800000	9599999
13	851855	3	10	100	1323	1798	1941	9796482	9600000	10399999
14	902423	3	10	90	1774	1189	1841	10703967	10400000	11199999
15	516813	3	10	75	1493	1482	1178	11225584	11200000	11999999

Total number of pulses in waveform = 29

Type 5 Radar Waveform_18

Num of Bursts = 15
Burst Interval (us)= 800000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval(us)
1	74933	2	6	65	1802	1709	0	74933	0	799999
2	1028979	1	6	80	1575	0	0	1107423	800000	1599999
3	1185546	3	6	95	1507	1536	1103	2294544	1600000	2399999
4	359669	3	6	65	1408	1187	1395	2658359	2400000	3199999
5	784242	1	6	75	1571	0	0	3446591	3200000	3999999
6	591711	3	6	50	1266	1341	1502	4039873	4000000	4799999
7	1291583	3	6	85	1631	1785	1118	5335565	4800000	5599999
8	369921	2	6	100	1393	1940	0	5710020	5600000	6399999
9	1040007	3	6	65	1132	1596	1429	6753360	6400000	7199999
10	546741	1	6	70	1754	0	0	7304258	7200000	7999999
11	811104	1	6	100	1430	0	0	8117116	8000000	8799999
12	1387211	1	6	90	1352	0	0	9505757	8800000	9599999
13	759154	3	6	95	1698	1956	1053	10266263	9600000	10399999
14	620664	1	6	65	1052	0	0	10891634	10400000	11199999
15	1074258	3	6	50	1595	1417	1965	11966944	11200000	11999999

Total number of pulses in waveform = 31

Type 5 Radar Waveform_19

Num of Bursts = 8
Burst Interval (us)= 1500000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval(us)
1	214550	3	19	85	1686	1459	1767	214550	0	1499999
2	2006975	2	19	80	1180	1525	0	2226437	1500000	2999999
3	1761935	2	19	95	1585	1451	0	3991077	3000000	4499999
4	984720	1	19	100	1068	0	0	4978833	4500000	5999999
5	1971282	2	19	70	1970	1972	0	6951183	6000000	7499999
6	719532	3	19	50	1372	1617	1013	7674657	7500000	8999999
7	1800303	3	19	90	1859	1043	1142	9478962	9000000	10499999
8	1159719	1	19	100	1115	0	0	10642725	10500000	11999999

Total number of pulses in waveform = 17



Type 5 Radar Waveform_20

Num of Bursts = 16
Burst Interval (us)= 750000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	257573	2	14	50	1312	1454	0	257573	0	749999
2	972723	1	14	100	1274	0	0	1233062	750000	1499999
3	806956	3	14	90	1949	1464	1120	2041292	1500000	2249999
4	798898	2	14	60	1304	1579	0	2844723	2250000	2999999
5	216382	3	14	80	1642	1996	1629	3063988	3000000	3749999
6	828918	1	14	70	1126	0	0	3898173	3750000	4499999
7	950226	2	14	85	1851	1502	0	4849525	4500000	5249999
8	675549	1	14	80	1913	0	0	5528427	5250000	5999999
9	721038	1	14	75	1927	0	0	6251378	6000000	6749999
10	741164	2	14	60	1014	1778	0	6994469	6750000	7499999
11	1025486	2	14	80	1563	1123	0	8022747	7500000	8249999
12	800550	1	14	85	1005	0	0	8825983	8250000	8999999
13	462755	1	14	75	1258	0	0	9289743	9000000	9749999
14	1135531	3	14	70	1723	1907	1563	10426532	9750000	10499999
15	265605	1	14	80	1582	0	0	10697330	10500000	11249999
16	1095045	2	14	85	1480	1702	0	11793957	11250000	11999999

Total number of pulses in waveform = 28

Type 5 Radar Waveform_21

Num of Bursts = 16
Burst Interval (us)= 750000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	631848	1	19	95	1708	0	0	631848	0	749999
2	426124	1	19	70	1414	0	0	1059680	750000	1499999
3	1168571	3	19	50	1975	1992	1101	2229665	1500000	2249999
4	202841	2	19	100	1346	1252	0	2437574	2250000	2999999
5	913407	2	19	50	1451	1787	0	3353579	3000000	3749999
6	675148	1	19	70	1549	0	0	4031965	3750000	4499999
7	916363	2	19	65	1792	1932	0	4949877	4500000	5249999
8	704327	1	19	55	1474	0	0	5657928	5250000	5999999
9	895586	2	19	85	1687	1450	0	6554988	6000000	6749999
10	792662	2	19	65	1578	1333	0	7350787	6750000	7499999
11	267638	1	19	70	1263	0	0	7621336	7500000	8249999
12	822599	1	19	70	1726	0	0	8445198	8250000	8999999
13	797451	3	19	70	1209	1672	1095	9244375	9000000	9749999
14	594913	1	19	95	1077	0	0	9843264	9750000	10499999
15	890113	2	19	65	1692	1201	0	10734454	10500000	11249999
16	612564	3	19	90	1301	1855	1290	11349911	11250000	11999999

Total number of pulses in waveform = 28

Type 5 Radar Waveform_22

Num of Bursts = 13
Burst Interval (us)= 923077

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	90369	3	9	55	1938	1731	1868	90369	0	923076
2	827515	3	9	55	1116	1780	1529	923421	923077	1846153
3	1440818	2	9	70	1294	1309	0	2368664	1846154	2769230
4	923711	2	9	90	1370	1173	0	3294978	2769231	3692307
5	894382	1	9	75	1845	0	0	4191903	3692308	4615384
6	481146	3	9	85	1040	1026	1231	4674894	4615385	5538461
7	1417834	2	9	90	1033	1944	0	6096025	5538462	6461538
8	495715	1	9	75	1332	0	0	6594717	6461539	7384615
9	932830	2	9	100	1831	1208	0	7528879	7384616	8307692
10	1300712	2	9	100	1101	1129	0	8832630	8307693	9230769
11	685022	2	9	90	1555	1220	0	9519882	9230770	10153846
12	928057	1	9	75	1232	0	0	10450714	10153847	11076923
13	869080	3	9	70	1648	1335	1349	11321026	11076924	12000000

Total number of pulses in waveform = 27



Type 5 Radar Waveform_23

Num of Bursts = 17
Burst Interval (us)= 705882

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	21426	3	10	75	1978	1093	1334	21426	0	705881
2	1163688	1	10	100	1507	0	0	1189519	705882	1411763
3	302659	2	10	90	1141	1009	0	1493685	1411764	2117645
4	1008400	3	10	75	1256	1875	1764	2504235	2117646	2823527
5	815707	3	10	50	1452	1101	1698	3324837	2823528	3529409
6	715971	3	10	95	1251	1164	1444	4045059	3529410	4235291
7	667020	3	10	65	1287	1279	2000	4715938	4235292	4941173
8	498700	1	10	50	1101	0	0	5219204	4941174	5647055
9	627022	3	10	90	1881	1772	1452	5847327	5647056	6352937
10	1053834	2	10	85	1869	1870	0	6906266	6352938	7058819
11	732139	3	10	65	1687	1001	1506	7642144	7058820	7764701
12	423860	3	10	90	1885	1666	1294	8070198	7764702	8470583
13	958987	1	10	70	1550	0	0	9034030	8470584	9176465
14	575391	1	10	100	1357	0	0	9610971	9176466	9882347
15	811261	1	10	60	1573	0	0	10423589	9882348	10588229
16	425300	2	10	75	1435	1724	0	10850462	10588230	11294111
17	608089	1	10	90	1477	0	0	11461710	11294112	11999993

Total number of pulses in waveform = 36

Type 5 Radar Waveform_24

Num of Bursts = 11
Burst Interval (us)= 1090909

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	417680	1	18	65	1399	0	0	417680	0	1090908
2	684202	2	18	90	1195	1852	0	1103281	1090909	2181817
3	1974687	2	18	65	1712	1503	0	3081015	2181818	3272726
4	458991	3	18	55	1108	1485	1742	3543221	3272727	4363635
5	1391822	2	18	50	1910	1537	0	4939378	4363636	5454544
6	687801	1	18	80	1604	0	0	5630626	5454545	6545453
7	1152146	2	18	60	1984	1113	0	6784376	6545454	7636362
8	1934697	2	18	70	1552	1194	0	8722170	7636363	8727271
9	406334	3	18	95	1257	1262	1618	9131250	8727272	9818180
10	1077907	3	18	100	1515	1165	1693	10213294	9818181	10909089
11	1676202	2	18	85	1878	1596	0	11893869	10909090	11999998

Total number of pulses in waveform = 23

Type 5 Radar Waveform_25

Num of Bursts = 18
Burst Interval (us)= 666667

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	595238	1	6	85	1758	0	0	595238	0	666666
2	564941	1	6	75	1182	0	0	1161937	666667	1333333
3	372843	3	6	50	1466	1604	1752	1535962	1333334	2000000
4	1108776	2	6	100	1034	1891	0	2649560	2000001	2666667
5	656162	1	6	100	1692	0	0	3308647	2666668	3333334
6	244608	3	6	60	1039	1704	1619	3554947	3333335	4000001
7	766204	1	6	100	1552	0	0	4325513	4000002	4666668
8	664304	3	6	50	1075	1777	1609	4991369	4666669	5333335
9	674469	1	6	60	1770	0	0	5670299	5333336	6000002
10	822048	2	6	85	1592	1771	0	6494117	6000003	6666669
11	725677	2	6	55	1269	1385	0	7223157	6666670	7333336
12	553869	3	6	50	1799	1243	1795	7779680	7333337	8000003
13	569674	3	6	100	1624	1739	1961	8354191	8000004	8666670
14	356863	1	6	55	1326	0	0	8716378	8666671	9333337
15	685701	2	6	50	1888	1944	0	9403405	9333338	10000004
16	1081912	2	6	100	1456	1882	0	10489149	10000005	10666671
17	818936	1	6	60	1983	0	0	11311423	10666672	11333338
18	376133	3	6	50	1702	1996	1396	11689539	11333339	12000005

Total number of pulses in waveform = 35



Type 5 Radar Waveform_26

Num of Bursts = 12
Burst Interval (us)= 1000000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	777016	3	14	85	1173	1120	1472	777016	0	999999
2	453473	3	14	100	1035	1388	1922	1234254	1000000	1999999
3	964488	2	14	65	1359	1365	0	2203087	2000000	2999999
4	1349817	2	14	60	1328	1249	0	3555628	3000000	3999999
5	883212	2	14	70	1881	1336	0	4441417	4000000	4999999
6	1313982	1	14	50	1167	0	0	5758616	5000000	5999999
7	853229	3	14	75	1973	1320	1272	6613012	6000000	6999999
8	1246505	2	14	60	1220	1443	0	7864082	7000000	7999999
9	659046	1	14	55	1707	0	0	8525791	8000000	8999999
10	1460640	2	14	55	1017	1570	0	9988138	9000000	9999999
11	931025	1	14	80	1557	0	0	10921750	10000000	10999999
12	666095	3	14	60	1718	1437	1799	11589402	11000000	11999999

Total number of pulses in waveform = 25

Type 5 Radar Waveform_27

Num of Bursts = 20
Burst Interval (us)= 600000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	584664	1	5	70	1146	0	0	584664	0	599999
2	351337	1	5	65	1461	0	0	937147	600000	1199999
3	430503	3	5	60	1671	1782	1718	1369111	1200000	1799999
4	467274	3	5	90	1107	1977	1181	1841556	1800000	2399999
5	150728	1	5	95	1194	0	0	2862859	2400000	2999999
6	769163	2	5	90	1215	1632	0	3014781	3000000	3599999
7	769163	3	5	80	1888	1097	1563	3786791	3600000	4199999
8	775270	1	5	65	1806	0	0	4566609	4200000	4799999
9	620843	2	5	65	1699	1657	0	5189258	4800000	5399999
10	738002	2	5	70	1988	1913	0	5930616	5400000	5999999
11	601308	2	5	95	1537	1484	0	6535825	6000000	6599999
12	241579	1	5	75	1355	0	0	6780425	6600000	7199999
13	567657	3	5	85	1249	1577	1489	7349437	7200000	7799999
14	552497	3	5	75	1312	1302	1132	7906249	7800000	8399999
15	834794	2	5	75	1058	1243	0	8744789	8400000	8999999
16	726762	2	5	80	1524	1655	0	9473852	9000000	9599999
17	199132	3	5	70	1474	1720	1733	9676163	9600000	10199999
18	565492	2	5	70	1453	1871	0	10246582	10200000	10799999
19	561511	2	5	80	1824	1888	0	10811417	10800000	11399999
20	886418	2	5	100	1546	1785	0	11701547	11400000	11999999

Total number of pulses in waveform = 41

Type 5 Radar Waveform_28

Num of Bursts = 9
Burst Interval (us)= 1333333

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	334070	1	12	80	1301	0	0	334070	0	1333332
2	1948016	1	12	75	1043	0	0	2283387	1333333	2666665
3	1574330	2	12	75	1516	1745	0	3858760	2666666	3999998
4	595193	3	12	75	1402	1485	1852	4457214	3999999	5333331
5	1381055	3	12	75	1995	1628	1975	5843008	5333332	6666664
6	1619834	1	12	65	1720	0	0	7468440	6666665	7999997
7	1329551	1	12	50	1014	0	0	8799711	7999998	9333330
8	1083340	3	12	95	1696	1400	1217	9884065	9333331	10666663
9	1111966	2	12	100	1949	1567	0	11000344	10666664	11999996

Total number of pulses in waveform = 17

**Type 5 Radar Waveform_29**

Num of Bursts = 9
Burst Interval (us)= 1333333

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	857364	1	8	75	1391	0	0	857364	0	1333332
2	521509	3	8	50	1273	2000	1172	1380264	1333333	2666665
3	1749606	3	8	65	1235	1340	1787	3134315	2666666	3999998
4	1605168	2	8	95	1701	1606	0	4743845	3999999	5333331
5	1260622	2	8	75	1315	1089	0	6007774	5333332	6666664
6	1084751	2	8	100	1865	1025	0	7094929	6666665	7999997
7	1437331	1	8	90	1153	0	0	8535150	7999998	9333330
8	933195	3	8	90	1291	1825	1747	9469498	9333331	10666663
9	2061738	2	8	80	1400	1521	0	11536099	10666664	11999996

Total number of pulses in waveform = 19

Type 5 Radar Waveform_30

Num of Bursts = 8
Burst Interval (us)= 1500000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	691706	1	17	100	1322	0	0	691706	0	1499999
2	2262638	3	17	85	1708	1275	1051	2955666	1500000	2999999
3	689825	2	17	60	1778	1115	0	3649525	3000000	4499999
4	2206154	3	17	50	1805	1445	1588	5858572	4500000	5999999
5	1298550	3	17	75	1971	1825	1634	7161960	6000000	7499999
6	1146421	2	17	65	1282	1716	0	8313811	7500000	8999999
7	1537800	1	17	100	1850	0	0	9854609	9000000	10499999
8	2088259	3	17	100	1412	1935	1626	11944718	10500000	11999999

Total number of pulses in waveform = 18

Radar Type 6 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5253.7	1	16	5323.8	1
2	5258.9	1	17	5313.4	1
3	5264.1	1	18	5318.8	1
4	5269.1	1	19	5303.2	1
5	5274.3	1	20	5308.4	1
6	5279.3	1	21	5292.6	1
7	5284.5	1	22	5297.8	1
8	5290.0	1	23	5261.2	1
9	5329.0	1	24	5256.2	1
10	5321.4	1	25	5266.5	1
11	5316.2	1	26	5271.6	1
12	5310.8	1	27	5276.7	1
13	5305.8	1	28	5282.1	1
14	5300.6	1	29	5287.1	1
15	5295.3	1	30	5251.0	1
Detection Percentage (%)					100%

Radar waveform #1			Radar waveform #2		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5275	0	8	5286	24
10	5298	30	16	5262	48
11	5276	33	17	5254	51
24	5290	72	27	5293	81
35	5274	105	43	5255	129
66	5303	198	46	5283	138
67	5291	201	50	5266	150
75	5285	225	64	5276	192
84	5320	252	78	5269	234
98	5287	294	86	5281	258
--	--	--	97	5288	291
--	--	--	99	5257	297

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5297	6	0	5266	0
15	5266	45	2	5258	6
26	5279	78	15	5282	45
38	5254	114	31	5263	93
51	5303	153	39	5294	117
52	5275	156	40	5298	120
63	5284	189	43	5300	129
67	5261	201	50	5252	150
80	5295	240	58	5267	174
88	5293	264	61	5253	183
98	5257	294	62	5304	186
--	--	--	78	5271	234
--	--	--	99	5251	297

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5311	6	4	5288	12
16	5298	48	8	5266	24
31	5281	93	9	5300	27
35	5282	105	15	5305	45
36	5275	108	51	5318	153
38	5272	114	55	5309	165
59	5278	177	72	5274	216
67	5266	201	73	5313	219
68	5297	204	74	5273	222
74	5263	222	75	5265	225
82	5307	246	--	--	--
95	5285	285	--	--	--
98	5262	294	--	--	--

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5297	0	13	5306	39
5	5320	15	24	5260	72
7	5319	21	26	5295	78
9	5296	27	46	5265	138
11	5312	33	48	5311	144
18	5262	54	53	5316	159
29	5298	87	58	5271	174
47	5280	141	75	5307	225
53	5310	159	85	5274	255
58	5290	174	87	5312	261
67	5317	201	96	5317	288
85	5301	255	--	--	--
88	5272	264	--	--	--
89	5295	267	--	--	--
95	5279	285	--	--	--
99	5292	297	--	--	--

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5322	3	4	5266	12
3	5296	9	16	5307	48
24	5331	72	18	5321	54
26	5337	78	19	5319	57
28	5306	84	20	5308	60
40	5334	120	66	5323	198
48	5328	144	70	5313	210
54	5291	162	92	5297	276
59	5295	177	94	5280	282
60	5301	180	99	5273	297
62	5343	186	--	--	--
80	5315	240	--	--	--
93	5332	279	--	--	--
99	5327	297	--	--	--

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Frequency (MHz)	Hopping Number	Pulse Start (ms)
1	5283	3	8	5279	24
2	5317	6	16	5325	48
3	5304	9	33	5293	99
5	5281	15	35	5328	105
8	5322	24	37	5312	111
19	5315	57	47	5272	141
49	5334	147	49	5309	147
53	5287	159	51	5276	153
56	5296	168	55	5299	165
60	5298	180	56	5285	168
63	5303	189	65	5317	195
69	5328	207	71	5295	213
72	5291	216	92	5288	276
79	5333	237	99	5330	297
83	5301	249	--	--	--
91	5295	273	--	--	--
99	5332	297	--	--	--

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5270	3	2	5297	6
2	5271	6	11	5320	33
12	5328	36	16	5283	48
32	5275	96	21	5291	63
35	5330	105	23	5306	69
42	5284	126	26	5317	78
50	5318	150	27	5303	81
58	5277	174	28	5288	84
62	5304	186	53	5277	159
67	5317	201	68	5263	204
69	5295	207	71	5266	213
70	5285	210	74	5308	222
74	5323	222	78	5292	234
75	5293	225	--	--	--
91	5291	273	--	--	--
95	5307	285	--	--	--

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5301	3	7	5336	21
12	5287	36	13	5291	39
22	5310	66	17	5295	51
32	5276	96	28	5299	84
33	5266	99	30	5290	90
34	5279	102	42	5329	126
63	5285	189	44	5345	132
72	5292	216	63	5310	189
74	5296	222	72	5286	216
79	5277	237	73	5316	219
84	5297	252	79	5332	237
85	5308	255	--	--	--
93	5265	279	--	--	--
94	5264	282	--	--	--
95	5304	285	--	--	--
96	5289	288	--	--	--

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5299	0	2	5283	6
4	5292	12	3	5336	9
7	5305	21	13	5290	39
11	5316	33	24	5317	72
33	5276	99	28	5309	84
58	5320	174	38	5313	114
69	5288	207	39	5296	117
70	5325	210	45	5306	135
72	5275	216	53	5333	159
77	5302	231	59	5330	177
79	5279	237	68	5315	204
97	5322	291	84	5316	252
--	--	--	97	5301	291
--	--	--	99	5295	297

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
18	5294	54	0	5320	0
21	5266	63	7	5319	21
37	5295	111	10	5315	30
40	5316	120	14	5305	42
54	5312	162	34	5281	102
63	5292	189	36	5289	108
72	5275	216	42	5325	126
75	5317	225	50	5271	150
80	5289	240	61	5300	183
94	5283	282	63	5293	189
96	5296	288	64	5326	192
98	5286	294	69	5299	207
99	5271	297	72	5309	216
--	--	--	74	5291	222
--	--	--	80	5318	240
--	--	--	82	5283	246
--	--	--	83	5284	249

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
10	5267	30	4	5309	12
19	5274	57	9	5271	27
30	5289	90	15	5305	45
39	5261	117	20	5288	60
46	5320	138	24	5279	72
53	5264	159	26	5319	78
58	5281	174	30	5282	90
63	5317	189	37	5262	111
71	5272	213	40	5277	120
83	5302	249	58	5286	174
86	5279	258	64	5304	192
93	5314	279	66	5267	198
94	5290	282	74	5314	222
96	5306	288	97	5296	291
--	--	--	98	5313	294

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
8	5268	24	8	5263	24
19	5296	57	11	5222	33
20	5250	60	12	5265	36
21	5247	63	13	5268	39
24	5255	72	15	5250	45
36	5270	108	25	5267	75
41	5266	123	34	5278	102
48	5259	144	35	5251	105
54	5272	162	42	5254	126
65	5276	195	56	5223	168
66	5277	198	65	5233	195
68	5293	204	69	5226	207
74	5260	222	75	5230	225
75	5290	225	95	5280	285
81	5297	243	--	--	--
84	5265	252	--	--	--
85	5275	255	--	--	--
95	5249	285	--	--	--

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
12	5303	36	9	5241	27
13	5297	39	13	5239	39
22	5271	66	16	5248	48
25	5287	75	29	5258	87
41	5250	123	36	5286	108
61	5248	183	44	5274	132
72	5283	216	59	5231	177
76	5258	228	62	5272	186
87	5254	261	65	5277	195
97	5251	291	75	5245	225
--	--	--	87	5246	261
--	--	--	89	5289	267
--	--	--	90	5250	270
--	--	--	96	5263	288
--	--	--	99	5253	297

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5270	3	11	5279	33
8	5299	24	16	5296	48
15	5284	45	18	5263	54
18	5273	54	30	5293	90
22	5256	66	41	5317	123
32	5264	96	49	5309	147
38	5305	114	51	5288	153
48	5306	144	55	5272	165
49	5309	147	56	5274	168
54	5312	162	82	5308	246
64	5300	192	89	5280	267
67	5262	201	90	5302	270
74	5272	222	95	5277	285
77	5259	231	96	5318	288

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
8	5264	24	4	5238	12
13	5311	39	7	5239	21
14	5277	42	15	5243	45
16	5288	48	17	5256	51
27	5273	81	30	5257	90
29	5300	87	37	5259	111
35	5280	105	39	5262	117
45	5307	135	48	5272	144
48	5267	144	50	5273	150
52	5291	156	64	5278	192
56	5263	168	81	5283	243
62	5266	186	83	5285	249
69	5272	207	97	5286	291
70	5276	210	--	--	--
83	5270	249	--	--	--
84	5298	252	--	--	--
87	5278	261	--	--	--
89	5283	267	--	--	--
94	5317	282	--	--	--
98	5318	294	--	--	--

Radar Statistical Performance for 802.11ac-VHT80 + 80 – 5530MHz

Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5530.0	1	778	68	1
2	5555.7	1	738	72	1
3	5493.6	1	898	59	1
4	5552.5	1	598	89	1
5	5528.6	1	698	76	1
6	5516.7	1	818	65	1
7	5567.5	1	638	83	1
8	5558.6	1	718	74	1
9	5491.0	1	878	61	1
10	5566.7	1	938	57	1
11	5520.3	1	838	63	1
12	5549.3	1	618	86	1
13	5513.5	1	798	67	1
14	5561.2	1	658	81	1
15	5530.0	1	678	78	1
16	5496.4	1	1949	28	1
17	5564.5	1	1091	49	1
18	5533.5	1	2524	21	1
19	5526.7	1	1291	41	1
20	5547.2	1	1839	29	1
21	5523.6	1	1940	28	1
22	5568.3	1	1970	27	1
23	5543.1	1	1901	28	1
24	5499.2	1	2079	26	1
25	5569.0	1	1939	28	1
26	5536.8	1	2766	20	1
27	5509.3	1	1037	51	1
28	5539.4	1	2152	25	1
29	5502.8	1	1992	27	1
30	5505.4	1	2169	25	1
Detection Percentage (%)					100%

Radar Type 2 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5527.3	3.2	176	24	0
2	5551.7	3.8	217	24	1
3	5508.6	3.0	197	23	1
4	5548.4	3.3	229	28	1
5	5554.5	1.9	196	26	1
6	5504.7	2.6	222	24	1
7	5530.0	4.5	161	23	1
8	5525.6	2.0	199	27	1
9	5512.3	4.2	229	27	1
10	5546.6	3.1	150	24	1
11	5501.5	4.4	172	25	1
12	5557.2	3.4	160	24	1
13	5530.0	5.0	224	23	1
14	5542.5	2.8	214	28	0
15	5498.4	3.6	226	28	1
16	5532.5	4.2	156	25	1
17	5560.3	2.9	200	23	1
18	5522.4	3.7	186	28	1
19	5538.9	2.4	192	28	1
20	5491.0	2.4	194	25	1
21	5563.7	3.8	195	25	1
22	5519.7	3.5	157	24	0
23	5566.4	2.5	160	27	1
24	5535.3	2.8	227	28	1
25	5515.6	1.9	198	23	1
26	5567.8	3.2	191	23	1
27	5565.6	3.2	204	27	1
28	5492.3	3.4	169	26	1
29	5569.0	3.8	181	29	0
30	5495.5	4.6	195	26	1
Detection Percentage (%)					86.7%

Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5503.6	9.0	423	16	1
2	5556.3	7.6	357	18	1
3	5530.0	9.6	442	17	1
4	5567.2	8.9	291	16	1
5	5500.6	6.4	299	18	1
6	5553.9	10.0	446	16	1
7	5530.0	6.2	389	16	1
8	5565.8	8.5	283	18	0
9	5507.5	8.5	471	18	1
10	5531.3	9.5	413	18	1
11	5491.0	8.2	433	17	1
12	5526.7	6.1	397	16	1
13	5497.4	6.8	422	17	1
14	5534.5	7.8	279	17	1
15	5494.6	8.9	301	18	1
16	5550.4	7.3	447	16	1
17	5511.3	7.6	347	17	0
18	5559.3	7.5	359	16	1
19	5491.4	9.9	410	17	1
20	5537.3	6.5	482	18	1
21	5524.5	6.7	367	17	1
22	5521.3	9.6	253	18	1
23	5547.6	6.1	386	17	1
24	5541.5	8.3	322	17	1
25	5514.8	8.8	279	18	1
26	5569.0	9.8	259	18	1
27	5545.7	8.8	418	17	1
28	5562.7	8.0	426	16	1
29	5518.5	9.5	300	17	1
30	5564.2	9.0	301	17	1
Detection Percentage (%)					93.3%

Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5515.6	17.7	421	15	1
2	5560.3	19.5	364	14	1
3	5532.5	16.1	467	16	0
4	5492.3	18.9	469	12	1
5	5557.2	17.6	491	16	1
6	5530.0	14.4	316	14	1
7	5563.7	17.2	364	12	1
8	5512.3	14.9	461	16	1
9	5535.3	16.3	364	16	0
10	5519.7	11.5	341	14	1
11	5554.5	17.4	400	16	1
12	5495.5	17.1	320	16	1
13	5530.0	12.7	316	13	1
14	5508.6	13.4	440	12	1
15	5538.9	16.4	489	14	1
16	5491.0	13.6	500	16	1
17	5542.5	12.4	383	16	0
18	5551.7	11.5	283	13	1
19	5522.4	14.1	378	12	1
20	5569.0	11.6	483	16	1
21	5504.7	13.9	264	16	1
22	5565.6	18.1	265	12	1
23	5527.3	11.4	264	13	1
24	5548.4	12.8	420	12	1
25	5525.6	14.4	364	15	1
26	5498.4	11.0	396	15	1
27	5566.4	15.7	284	13	1
28	5546.6	13.1	390	12	1
29	5567.8	19.1	256	14	0
30	5501.5	18.5	280	16	1
Detection Percentage (%)					86.7%

Note: In addition an average minimum percentage of successful detection across all four Short pulse radar test

waveforms is as follows: $\frac{P_d 1 + P_d 2 + P_d 3 + P_d 4}{4} = (100\% + 86.7\% + 93.3\% + 86.7\%) / 4 = 91.7\% (>80\%)$



Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5494.4	1	16	5530.0	1
2	5497.6	1	17	5530.0	1
3	5496.8	1	18	5530.0	1
4	5495.2	1	19	5530.0	1
5	5498.8	1	20	5530.0	1
6	5495.6	1	21	5564.0	1
7	5499.6	1	22	5560.8	1
8	5494.0	1	23	5564.4	1
9	5499.2	1	24	5563.2	1
10	5496.0	1	25	5561.2	1
11	5530.0	1	26	5566.0	1
12	5530.0	1	27	5560.4	1
13	5530.0	1	28	5565.6	1
14	5530.0	1	29	5564.8	1
15	5530.0	1	30	5562.4	1
Detection Percentage (%)					100%

Type 5 Radar Waveform_1

Num of Bursts = 18 Burst Interval (us) = 666667										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	216692	2	6	75	1365	1712	0	216692	0	666666
2	509001	3	6	60	1385	1875	1538	728770	666667	1333333
3	835483	3	6	50	1098	1470	1361	1569051	1333334	2000000
4	604627	1	6	75	1336	0	0	2177607	2000001	2666667
5	651745	2	6	95	1690	1393	0	2830688	2666668	3333334
6	607590	2	6	65	1316	1280	0	3441361	3333335	4000001
7	849635	2	6	60	1704	1131	0	4293592	4000002	4666668
8	430202	2	6	65	1430	1079	0	4726629	4666669	5333335
9	621360	2	6	60	1941	1972	0	5350498	5333336	6000002
10	915632	1	6	95	1031	0	0	6270043	6000003	6666669
11	682894	2	6	60	1162	1466	0	6953968	6666670	7333336
12	709200	2	6	80	1877	1101	0	7665786	7333337	8000003
13	651213	1	6	70	1332	0	0	8319977	8000004	8666670
14	662987	2	6	65	1781	1427	0	8984296	8666671	9333337
15	375726	1	6	80	1230	0	0	9363230	9333338	10000004
16	1177051	2	6	65	1932	1529	0	10541511	10000005	10666671
17	605958	1	6	85	1562	0	0	11150930	10666672	11333338
18	625507	1	6	100	1104	0	0	11777999	11333339	12000005
Total number of pulses in waveform = 32 *****										



Type 5 Radar Waveform_2

Num of Bursts = 19
Burst Interval (us)= 631579

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	99245	2	14	65	1495	1733	0	99245	0	631578
2	737572	2	14	55	1689	1809	0	840045	631579	1263157
3	635707	2	14	55	1850	1962	0	1479250	1263158	1894736
4	645121	3	14	100	1749	1525	1245	2128183	1894737	2526315
5	556970	3	14	60	1723	1231	1549	2689672	2526316	3157894
6	842025	2	14	80	1422	1601	0	3536200	3157895	3789473
7	368343	3	14	60	1466	1611	1523	3907566	3789474	4421052
8	985779	3	14	65	1865	1903	1500	4897945	4421053	5052631
9	541044	1	14	90	1431	0	0	5444257	5052632	5684210
10	525457	2	14	55	1259	1609	0	5971145	5684211	6315789
11	897464	2	14	55	1407	1961	0	6871477	6315790	6947368
12	437713	1	14	80	1896	0	0	7312558	6947369	7578947
13	465372	2	14	75	1341	1874	0	7779825	7578948	8210526
14	863548	1	14	60	1290	0	0	8646589	8210527	8842105
15	676165	1	14	75	1524	0	0	9324044	8842106	9473684
16	413954	3	14	90	1420	1313	1972	9739522	9473685	10105263
17	650184	2	14	60	1114	1909	0	10394411	10105264	10736842
18	740876	1	14	100	1219	0	0	11138310	10736843	11368421
19	395365	1	14	70	1576	0	0	11534894	11368422	12000000

Total number of pulses in waveform = 37

Type 5 Radar Waveform_3

Num of Bursts = 17
Burst Interval (us)= 705882

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	563331	1	12	75	1931	0	0	563331	0	705881
2	304043	1	12	60	1547	0	0	869305	705882	1411763
3	855570	1	12	65	1977	0	0	1726422	1411764	2117645
4	590047	3	12	95	1617	1828	1744	2318446	2117646	2823527
5	581488	3	12	65	1011	1005	1931	2905123	2823528	3529409
6	1003169	2	12	100	1133	1731	0	3912239	3529410	4235291
7	687723	3	12	85	1216	1126	1797	4602826	4235292	4941173
8	844748	1	12	50	1895	0	0	5451713	4941174	5647055
9	594651	3	12	85	1908	1885	1776	6048259	5647056	6352937
10	692909	3	12	70	1867	1941	1622	6746737	6352938	7058819
11	869526	3	12	100	1952	1504	1538	7621693	7058820	7764701
12	411320	2	12	80	1602	1606	0	8038007	7764702	8470583
13	880927	3	12	55	1265	1897	1549	8922142	8470584	9176465
14	254485	1	12	60	1176	0	0	9181338	9176466	9882347
15	1209920	3	12	60	1687	1232	1489	10392434	9882348	10588229
16	323699	3	12	65	1008	1812	1178	10720541	10588230	11294111
17	997825	2	12	65	1173	1379	0	11722364	11294112	11999993

Total number of pulses in waveform = 38

Type 5 Radar Waveform_4

Num of Bursts = 16
Burst Interval (us)= 750000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	437868	3	8	80	1440	1305	1028	437868	0	749999
2	513495	2	8	100	1781	1262	0	955136	750000	1499999
3	1124083	1	8	50	1770	0	0	2082262	1500000	2249999
4	723619	2	8	100	1957	1515	0	2807651	2250000	2999999
5	324330	2	8	80	1795	1664	0	3135453	3000000	3749999
6	1143565	3	8	80	1885	1656	1293	4282477	3750000	4499999
7	788146	3	8	100	1005	1123	1969	5075457	4500000	5249999
8	817114	2	8	55	1655	1301	0	5896668	5250000	5999999
9	843048	2	8	65	1892	1071	0	6742672	6000000	6749999
10	486725	1	8	90	1604	0	0	7232360	6750000	7499999
11	808705	1	8	55	1243	0	0	8042669	7500000	8249999
12	231759	3	8	85	1281	1551	1606	8275671	8250000	8999999
13	820780	2	8	100	1024	1609	0	9100889	9000000	9749999
14	1333552	2	8	85	1001	1742	0	10437074	9750000	10499999
15	192241	2	8	100	1738	1323	0	10632058	10500000	11249999
16	870710	3	8	55	1609	1877	1389	11505829	11250000	11999999

Total number of pulses in waveform = 34



Type 5 Radar Waveform_5

Num of Bursts = 19

Burst Interval (us)= 631579

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	490819	2	17	80	1807	1848	0	490819	0	631578
2	672733	1	17	75	1531	0	0	1167207	631579	1263157
3	307001	2	17	85	1535	1589	0	1475739	1263158	1894736
4	1013956	2	17	55	1149	1879	0	2492819	1894737	2526315
5	100605	2	17	90	1997	1894	0	2596452	2526316	3157894
6	1020669	3	17	60	1339	1531	1081	3621012	3157895	3789473
7	257292	3	17	90	1480	1322	1128	3882255	3789474	4421052
8	1028421	2	17	75	1124	1464	0	4914606	4421053	5052631
9	144619	3	17	60	1723	1598	1476	5061813	5052632	5684210
10	1047260	3	17	70	1137	1296	1619	6113870	5684211	6315789
11	572859	1	17	85	1353	0	0	6690781	6315790	6947368
12	469215	1	17	50	1227	0	0	7161349	6947369	7578947
13	870666	1	17	100	1878	0	0	8033242	7578948	8210526
14	588240	3	17	95	1672	1165	1967	8623360	8210527	8842105
15	553757	2	17	65	1177	1114	0	9181921	8842106	9473684
16	417795	1	17	75	1481	0	0	9602007	9473685	10105263
17	1037443	1	17	100	1785	0	0	10640931	10105264	10736842
18	417021	3	17	95	1864	1195	1872	11059737	10736843	11368421
19	771819	2	17	85	1700	1973	0	11836487	11368422	12000000

Total number of pulses in waveform = 38

Type 5 Radar Waveform_6

Num of Bursts = 20

Burst Interval (us)= 600000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	408762	2	9	55	1216	1666	0	408762	0	599999
2	285294	3	9	55	1630	1083	1839	696938	600000	1199999
3	604093	2	9	55	1614	1853	0	1305583	1200000	1799999
4	849071	3	9	60	1616	1392	1792	2158121	1800000	2399999
5	782327	2	9	60	1101	1906	0	2945248	2400000	2999999
6	89804	2	9	55	1731	1666	0	3038059	3000000	3599999
7	1152724	3	9	70	1481	1931	1094	4194180	3600000	4199999
8	407054	1	9	85	1787	0	0	4605740	4200000	4799999
9	202335	2	9	100	1028	1080	0	4809862	4800000	5399999
10	1010185	3	9	65	1327	1194	1019	5822155	5400000	5999999
11	195192	3	9	50	1522	1366	1551	6020887	6000000	6599999
12	1045050	3	9	70	1287	1162	1448	7070376	6600000	7199999
13	599820	2	9	55	1421	1373	0	7674093	7200000	7799999
14	329630	2	9	65	1535	1923	0	8006517	7800000	8399999
15	767991	2	9	70	1006	1647	0	8777966	8400000	8999999
16	280923	2	9	85	1797	1529	0	9061542	9000000	9599999
17	657640	1	9	90	1420	0	0	9722508	9600000	10199999
18	1033977	1	9	65	1462	0	0	10757905	10200000	10799999
19	58554	2	9	55	1096	1091	0	10817921	10800000	11399999
20	1019049	2	9	50	1513	1661	0	11839157	11400000	11999999

Total number of pulses in waveform = 43

Type 5 Radar Waveform_7

Num of Bursts = 10

Burst Interval (us)= 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	696983	2	19	95	1171	1657	0	696983	0	1199999
2	1048734	2	19	80	1532	1449	0	1748545	1200000	2399999
3	1131073	2	19	85	1311	1435	0	2882599	2400000	3599999
4	1523088	1	19	65	1070	0	0	4408433	3600000	4799999
5	1109707	1	19	90	1742	0	0	5519210	4800000	5999999
6	1390721	3	19	55	1454	1023	1588	6911673	6000000	7199999
7	354578	2	19	100	1171	1213	0	7270316	7200000	8399999
8	1885199	1	19	65	1578	0	0	9157899	8400000	9599999
9	1596870	1	19	70	1008	0	0	10756347	9600000	10799999
10	1022045	2	19	50	1203	1872	0	11779400	10800000	11999999

Total number of pulses in waveform = 17



Type 5 Radar Waveform_8

Num of Bursts = 19
Burst Interval (us)= 631579

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	176778	3	5	100	1456	1038	1480	176778	0	631578
2	719340	2	5	60	1888	1077	0	900092	631579	1263157
3	950359	1	5	85	1132	0	0	1853416	1263158	1894736
4	573846	2	5	95	1862	1473	0	2428394	1894737	2526315
5	644724	1	5	80	1132	0	0	3076453	2526316	3157894
6	695266	3	5	60	1969	1111	1868	3772851	3157895	3789473
7	34820	3	5	50	1121	1300	1168	3812619	3789474	4421052
8	1024389	3	5	90	1051	1968	1865	4840597	4421053	5052631
9	427202	2	5	80	1102	1362	0	5272683	5052632	5684210
10	775543	1	5	80	1448	0	0	6050690	5684211	6315789
11	272063	3	5	85	1654	1113	1694	6324201	6315790	6947368
12	712121	1	5	100	1882	0	0	7040783	6947369	7578947
13	845947	1	5	90	1634	0	0	7888612	7578948	8210526
14	611994	2	5	70	1197	1326	0	8502240	8210527	8842105
15	618366	2	5	75	1314	1132	0	9123129	8842106	9473684
16	652359	3	5	90	1529	1981	1303	9777934	9473685	10105263
17	633754	3	5	95	1318	1403	1219	10416501	10105264	10736842
18	370612	3	5	75	1842	1984	1845	10791053	10736843	11368421
19	636563	3	5	80	1973	1409	1172	11433287	11368422	12000000

Total number of pulses in waveform = 42

Type 5 Radar Waveform_9

Num of Bursts = 9
Burst Interval (us)= 1333333

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1114517	1	18	85	1276	0	0	1114517	0	1333332
2	533038	3	18	55	1863	1013	1785	1648831	1333333	2666665
3	1776262	1	18	85	1581	0	0	3429754	2666666	3999998
4	1366757	1	18	55	1335	0	0	4798092	3999999	5333331
5	1730423	3	18	90	1492	1444	1976	6529850	5333332	6666664
6	1309011	2	18	65	1413	1587	0	7843773	6666665	7999997
7	1238526	3	18	85	1986	1414	1150	9085299	7999998	9333330
8	946860	2	18	80	1853	1186	0	10036709	9333331	10666663
9	1528490	1	18	55	1172	0	0	11568238	10666664	11999996

Total number of pulses in waveform = 17

Type 5 Radar Waveform_10

Num of Bursts = 10
Burst Interval (us)= 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	275308	1	10	100	1280	0	0	275308	0	1199999
2	1377241	2	10	100	1805	1074	0	1653829	1200000	2399999
3	845413	3	10	100	1535	1101	1522	2502121	2400000	3599999
4	2289021	2	10	95	1130	1555	0	4795300	3600000	4799999
5	1012054	2	10	80	1268	1937	0	5810039	4800000	5999999
6	644641	3	10	80	1944	1213	1482	6457885	6000000	7199999
7	863185	3	10	65	1392	1688	1410	7325709	7200000	8399999
8	1185891	2	10	85	1505	1915	0	8516090	8400000	9599999
9	1922715	3	10	55	1455	1545	1138	10442225	9600000	10799999
10	1397166	1	10	85	1648	0	0	11843529	10800000	11999999

Total number of pulses in waveform = 22

**Type 5 Radar Waveform_11**

Num of Bursts = 12
Burst Interval (us)= 1000000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	980785	3	12	100	1622	1876	1284	980785	0	999999
2	288603	3	12	90	1115	1261	1835	1274170	1000000	1999999
3	1693475	3	18	75	1173	1433	1845	2971856	2000000	2999999
4	362083	3	12	85	1393	1092	1723	3338390	3000000	3999999
5	689075	3	12	100	1622	1609	1635	4031673	4000000	4999999
6	1672916	1	12	50	1246	0	0	5709455	5000000	5999999
7	792294	3	12	55	1386	1124	1408	6502995	6000000	6999999
8	1317152	1	12	75	1914	0	0	7824065	7000000	7999999
9	271073	3	12	100	1432	1082	1997	8097052	8000000	8999999
10	1251485	3	12	100	1767	1750	1296	9353048	9000000	9999999
11	1202854	2	12	55	1112	1614	0	10560715	10000000	10999999
12	1125881	1	12	90	1837	0	0	11689322	11000000	11999999

Total number of pulses in waveform = 29

Type 5 Radar Waveform_12

Num of Bursts = 8
Burst Interval (us)= 1500000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1403864	1	9	75	1604	0	0	1403864	0	1499999
2	223105	2	9	55	1795	1544	0	1628573	1500000	2999999
3	1399260	1	9	85	1398	0	0	3031172	3000000	4499999
4	1663661	1	9	95	1873	0	0	4696231	4500000	5999999
5	2257660	3	9	95	1832	1198	1837	6955764	6000000	7499999
6	1595901	1	9	95	1505	0	0	8556532	7500000	8999999
7	664434	2	9	85	1577	1153	0	9222471	9000000	10499999
8	1397547	3	9	75	1826	1600	1597	10622748	10500000	11999999

Total number of pulses in waveform = 14

Type 5 Radar Waveform_13

Num of Bursts = 20
Burst Interval (us)= 600000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	399607	2	5	60	1372	1363	0	399607	0	599999
2	790598	1	5	70	1145	0	0	1192940	600000	1199999
3	448691	3	5	90	1849	1073	1924	1642776	1200000	1799999
4	295487	2	5	85	1532	1965	0	1943109	1800000	2399999
5	707368	2	5	60	1807	1001	0	2653974	2400000	2999999
6	937670	1	5	80	1929	0	0	3594452	3000000	3599999
7	431786	1	5	55	1540	0	0	4028167	3600000	4199999
8	614604	2	5	55	1188	1209	0	4644311	4200000	4799999
9	276477	2	5	85	1035	1675	0	4923185	4800000	5399999
10	790484	3	5	100	1191	1638	1893	5716379	5400000	5999999
11	747209	3	5	85	1774	1745	1575	6468310	6000000	6599999
12	513298	1	5	80	1717	0	0	6986702	6600000	7199999
13	631589	2	5	70	1292	1905	0	7620008	7200000	7799999
14	270908	1	5	50	1938	0	0	7894113	7800000	8399999
15	858413	3	5	75	1095	1217	1660	8754464	8400000	8999999
16	792864	3	5	90	1467	1173	1638	9551300	9000000	9599999
17	386527	3	5	80	1937	1658	1815	9942105	9600000	10199999
18	252687	1	5	70	1049	0	0	10200202	10200000	10799999
19	634990	1	5	50	1410	0	0	10836241	10800000	11399999
20	667082	3	5	55	1283	1160	1866	11504733	11400000	11999999

Total number of pulses in waveform = 40



Type 5 Radar Waveform_14

Num of Bursts = 13
Burst Interval (us)= 923077

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	840393	1	19	50	1694	0	0	840393	0	923076
2	809592	3	19	100	1203	1756	1140	1651679	923077	1846153
3	584284	2	19	75	1829	1072	0	2240062	1846154	2769230
4	824196	3	19	90	1370	1819	1948	3067159	2769231	3692307
5	1300041	2	19	55	1829	1594	0	4372337	3692308	4615384
6	1088685	3	19	85	1366	1717	1533	5464445	4615385	5538461
7	782641	3	19	95	1287	1159	1904	6251702	5538462	6461538
8	456923	1	19	80	1466	0	0	6712975	6461539	7384615
9	1312423	1	19	100	1021	0	0	8026864	7384616	8307692
10	716231	3	19	70	1569	1350	1407	8744116	8307693	9230769
11	1299743	1	19	90	1679	0	0	10048185	9230770	10153846
12	953143	2	19	70	1902	1056	0	11003007	10153847	11076923
13	581843	3	19	55	1929	1564	1009	11587808	11076924	12000000

Total number of pulses in waveform = 28

Type 5 Radar Waveform_15

Num of Bursts = 11
Burst Interval (us)= 1090909

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	804475	2	6	75	1446	1854	0	804475	0	1090908
2	364236	1	6	50	1959	0	0	1172011	1090909	2181817
3	1213217	1	6	60	1710	0	0	2387187	2181818	3272726
4	1097728	3	6	65	1986	1553	1691	3486625	3272727	4363635
5	1940213	2	6	75	1838	1778	0	5432068	4363636	5454544
6	1095161	2	6	80	1847	1910	0	6530845	5454545	6545453
7	712186	2	6	60	1038	1825	0	7246788	6545454	7636362
8	1113727	3	6	60	1970	1285	1378	8363378	7636363	8727271
9	1283852	1	6	100	1495	0	0	9651863	8727272	9818180
10	219242	2	6	50	1902	1568	0	9872600	9818181	10909089
11	1933549	3	6	90	1133	1617	1541	11809619	10909090	11999998

Total number of pulses in waveform = 22

Type 5 Radar Waveform_16

Num of Bursts = 10
Burst Interval (us)= 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	762234	1	10	50	1148	0	0	762234	0	1199999
2	1424372	3	10	90	1286	1065	1848	2187754	1200000	2399999
3	1039203	3	10	100	1390	1763	1793	3231156	2400000	3599999
4	836963	3	10	90	1250	1766	1348	4073065	3600000	4799999
5	830444	1	10	55	1181	0	0	4907873	4800000	5999999
6	2167908	2	10	70	1609	1761	0	7076962	6000000	7199999
7	497916	3	10	60	1225	1095	1221	7578248	7200000	8399999
8	867435	2	10	60	1160	1900	0	8449224	8400000	9599999
9	1686810	3	10	75	1125	1259	1569	10139094	9600000	10799999
10	1163923	2	10	50	1554	1943	0	11306970	10800000	11999999

Total number of pulses in waveform = 23



Type 5 Radar Waveform_17

Num of Bursts = 9
Burst Interval (us)= 1333333

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1317360	3	17	95	1158	1781	1957	1317360	0	1333332
2	450633	1	17	60	1222	0	0	1772889	1333333	2666665
3	1208868	1	17	85	1619	0	0	2982979	2666666	3999998
4	1788409	3	17	70	1364	1546	1199	4773007	3999999	5333331
5	1086064	2	17	90	1269	1958	0	5863180	5333332	6666664
6	961873	1	17	75	1041	0	0	6828280	6666665	7999997
7	1580338	2	17	55	1809	1883	0	8409659	7999998	9333330
8	1533733	2	17	90	1993	1977	0	9947084	9333331	10666663
9	1487787	2	17	85	1945	1925	0	11438841	10666664	11999996

Total number of pulses in waveform = 17

Type 5 Radar Waveform_18

Num of Bursts = 16
Burst Interval (us)= 750000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	487031	3	18	85	1153	1329	1585	487031	0	749999
2	892134	2	18	65	1999	1279	0	1383232	750000	1499999
3	579341	3	18	95	1054	1357	1247	1965851	1500000	2249999
4	663754	1	18	55	1762	0	0	2633263	2250000	2999999
5	872731	1	18	60	1296	0	0	3507756	3000000	3749999
6	558095	3	18	60	1130	1973	1304	4067147	3750000	4499999
7	720926	2	18	65	1654	1184	0	4792480	4500000	5249999
8	613821	3	18	75	1790	1052	1335	5409139	5250000	5999999
9	683738	2	18	70	1420	1777	0	6097054	6000000	6749999
10	712274	2	18	70	1368	1341	0	6812525	6750000	7499999
11	763250	1	18	75	1264	0	0	7578484	7500000	8249999
12	952547	1	18	95	1860	0	0	8532295	8250000	8999999
13	682869	1	18	75	1456	0	0	9217024	9000000	9749999
14	1129458	2	18	55	1991	1194	0	10347938	9750000	10499999
15	327791	3	18	90	1475	1589	1442	10678914	10500000	11249999
16	956404	3	18	75	1375	1812	1821	11639824	11250000	11999999

Total number of pulses in waveform = 33

Type 5 Radar Waveform_19

Num of Bursts = 16
Burst Interval (us)= 750000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	435161	2	8	90	1839	1802	0	435161	0	749999
2	415235	2	8	75	1587	1232	0	854037	750000	1499999
3	815622	2	8	50	1148	1355	0	1672478	1500000	2249999
4	1189013	1	8	85	1823	0	0	2863994	2250000	2999999
5	339424	1	8	70	1984	0	0	3205241	3000000	3749999
6	891432	1	8	50	1708	0	0	4088657	3750000	4499999
7	716170	2	8	70	1678	1935	0	4816535	4500000	5249999
8	1034340	2	8	55	1929	1390	0	5854488	5250000	5999999
9	279304	1	8	100	1812	0	0	6137111	6000000	6749999
10	769732	2	8	95	1391	1807	0	6908655	6750000	7499999
11	944453	3	8	60	1053	1282	1269	7856306	7500000	8249999
12	1071219	3	8	55	1437	1719	1761	8931129	8250000	8999999
13	792676	3	8	90	1486	1227	1080	9728722	9000000	9749999
14	481850	3	8	65	1909	1463	1921	10214365	9750000	10499999
15	743401	3	8	75	1356	1747	1506	10963059	10500000	11249999
16	384890	2	8	70	1683	1913	0	11352558	11250000	11999999

Total number of pulses in waveform = 33



Type 5 Radar Waveform_20

Num of Bursts = 15
Burst Interval (us)= 800000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	2638	1	14	70	1599	0	0	2638	0	799999
2	1373524	2	14	80	1589	1195	0	1377761	800000	1599999
3	931466	1	14	55	1740	0	0	2312011	1600000	2399999
4	876447	1	14	100	1014	0	0	3190198	2400000	3199999
5	296220	3	14	60	1418	1465	1639	3487432	3200000	3999999
6	607537	3	14	60	1561	1581	1223	4099491	4000000	4799999
7	848577	1	14	55	1946	0	0	4952433	4800000	5599999
8	1096050	3	14	85	1869	1453	1966	6050429	5600000	6399999
9	1031366	2	14	75	1201	1440	0	7087083	6400000	7199999
10	460883	3	14	75	1834	1675	1644	7550607	7200000	7999999
11	1224459	2	14	65	1029	1919	0	8780219	8000000	8799999
12	446892	2	14	95	1054	1684	0	9230059	8800000	9599999
13	1148032	1	14	80	1973	0	0	10380829	9600000	10399999
14	49339	3	14	75	1741	1863	1846	10432141	10400000	11199999
15	988278	2	14	80	1865	1198	0	11425869	11200000	11999999

Total number of pulses in waveform = 30

Type 5 Radar Waveform_21

Num of Bursts = 17
Burst Interval (us)= 705882

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	638159	1	10	60	1455	0	0	638159	0	705881
2	646818	1	10	65	1168	0	0	1286432	705882	1411763
3	374131	3	10	75	1198	1817	1133	1661731	1411764	2117645
4	626624	1	10	70	1316	0	0	2292503	2117646	2823527
5	1092962	2	10	55	1595	1236	0	3386781	2823528	3529409
6	652242	1	10	65	1872	0	0	4041854	3529410	4235291
7	775960	1	10	95	1583	0	0	4819686	4235292	4941173
8	384378	2	10	85	1784	1355	0	5205647	4941174	5647055
9	733874	3	10	50	1262	1454	1353	5942660	5647056	6352937
10	1056762	2	10	80	1118	1503	0	7003491	6352938	7058819
11	665409	3	10	55	1136	1480	1270	7671521	7058820	7764701
12	223756	3	10	85	1891	1384	1371	7899163	7764702	8470583
13	1214423	3	10	80	1842	1474	1834	9118232	8470584	9176465
14	333770	1	10	70	1237	0	0	9457152	9176466	9882347
15	811132	2	10	70	1399	1311	0	10269521	9882348	10588229
16	502401	3	10	60	1627	1143	1877	10774632	10588230	11294111
17	668299	1	10	90	1702	0	0	11447578	11294112	11999993

Total number of pulses in waveform = 33

Type 5 Radar Waveform_22

Num of Bursts = 17
Burst Interval (us)= 705882

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	386559	2	18	95	1220	1902	0	386559	0	705881
2	467064	3	18	100	1661	1701	1664	856745	705882	1411763
3	649029	1	18	80	1395	0	0	1510800	1411764	2117645
4	1256377	2	18	85	1328	1948	0	2768572	2117646	2823527
5	390429	1	18	90	1500	0	0	3162277	2823528	3529409
6	838791	1	18	85	1824	0	0	4002568	3529410	4235291
7	650264	2	18	55	1209	1682	0	4654656	4235292	4941173
8	979884	2	18	50	1329	1081	0	5637431	4941174	5647055
9	115516	3	18	85	1105	1494	1400	5755357	5647056	6352937
10	877533	2	18	65	1076	1881	0	6636889	6352938	7058819
11	1090430	2	18	95	1024	1429	0	7730276	7058820	7764701
12	326255	1	18	65	1931	0	0	8058984	7764702	8470583
13	1105488	1	18	50	1046	0	0	9166403	8470584	9176465
14	102694	2	18	85	1897	1591	0	9270143	9176466	9882347
15	950262	2	18	80	1889	1942	0	10223893	9882348	10588229
16	490513	1	18	80	1194	0	0	10718237	10588230	11294111
17	1046485	2	18	75	1032	1789	0	11765916	11294112	11999993

Total number of pulses in waveform = 30



Type 5 Radar Waveform_23

Num of Bursts = 11
Burst Interval (us)= 1090909

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	742774	3	9	100	1679	1682	1614	742774	0	1090908
2	526845	3	9	65	1879	1804	1152	1274594	1090909	2181817
3	1212998	2	9	60	1700	1101	0	2492427	2181818	3272726
4	1092322	3	9	70	1652	1287	1480	3587550	3272727	4363635
5	1658204	2	9	95	1654	1072	0	5250173	4363636	5454544
6	1251925	1	9	70	1970	0	0	6504824	5454545	6545453
7	371697	3	9	95	1701	1916	1889	6878491	6545454	7636362
8	1711871	2	9	75	1953	1299	0	8595868	7636363	8727271
9	276870	1	9	85	1567	0	0	8875990	8727272	9818180
10	1894157	3	9	95	1217	1742	1908	10771714	9818181	10909089
11	847375	2	9	90	1747	1835	0	11623956	10909090	11999998

Total number of pulses in waveform = 25

Type 5 Radar Waveform_24

Num of Bursts = 15
Burst Interval (us)= 800000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	658270	3	12	95	1431	1841	1643	658270	0	799999
2	649365	2	12	50	1579	1797	0	1312550	800000	1599999
3	530490	1	12	100	1570	0	0	1846416	1600000	2399999
4	1175360	1	12	95	1245	0	0	3023346	2400000	3199999
5	508085	1	12	95	1577	0	0	3532676	3200000	3999999
6	1253553	3	12	60	1210	1539	1194	4787806	4000000	4799999
7	396625	1	12	60	1981	0	0	5188374	4800000	5599999
8	920582	2	12	100	1059	1983	0	6110937	5600000	6399999
9	619261	1	12	55	1695	0	0	6733240	6400000	7199999
10	1083675	1	12	60	1168	0	0	7818610	7200000	7999999
11	960822	1	12	70	1321	0	0	8780600	8000000	8799999
12	419796	1	12	65	1194	0	0	9201717	8800000	9599999
13	660284	1	12	50	1446	0	0	9863195	9600000	10399999
14	576535	1	12	90	1104	0	0	10441176	10400000	11199999
15	1203438	2	12	70	1193	1670	0	11645718	11200000	11999999

Total number of pulses in waveform = 22

Type 5 Radar Waveform_25

Num of Bursts = 14
Burst Interval (us)= 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	716946	2	17	75	1785	1403	0	716946	0	857142
2	792993	2	17	55	1059	1982	0	1513127	857143	1714285
3	336472	3	17	70	1608	1519	1488	1852640	1714286	2571428
4	1415432	1	17	85	1789	0	0	3272687	2571429	3428571
5	860332	1	17	50	1999	0	0	4134908	3428572	4285714
6	897959	3	17	85	1109	1992	1815	5034766	4285715	5142857
7	337320	1	17	50	1870	0	0	5377002	5142858	6000000
8	1432297	1	17	55	1744	0	0	6811169	6000001	6857143
9	129065	1	17	70	1056	0	0	6941978	6857144	7714286
10	1350503	2	17	70	1866	1443	0	8293537	7714287	8571429
11	381931	2	17	50	1337	1558	0	8678777	8571430	9428572
12	1333200	2	17	50	1880	1879	0	10014872	9428573	10285715
13	920363	1	17	90	1655	0	0	10938994	10285716	11142858
14	1026532	3	17	75	1023	1879	1960	11967181	11142859	12000001

Total number of pulses in waveform = 25



Type 5 Radar Waveform_26

Num of Bursts = 13
Burst Interval (us)= 923077

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	547472	3	5	50	1266	1466	1067	547472	0	923076
2	390485	1	5	50	1479	0	0	941756	923077	1846153
3	1022388	2	5	65	1048	1406	0	1965623	1846154	2769230
4	1371774	2	5	75	1875	1147	0	3339851	2769231	3692307
5	368844	3	5	85	1920	1711	1212	3711717	3692308	4615384
6	1193763	3	5	50	1231	1554	1158	4910323	4615385	5538461
7	1376827	3	5	85	1532	1919	1330	6291093	5538462	6461538
8	425244	3	5	65	1293	1518	1197	6721118	6461539	7384615
9	794741	1	5	75	1231	0	0	7519867	7384616	8307692
10	822894	2	5	75	1336	1605	0	8343992	8307693	9230769
11	1276744	1	5	80	1629	0	0	9623677	9230770	10153846
12	883018	2	5	50	1960	1414	0	10508324	10153847	11076923
13	1066068	2	5	95	1550	1398	0	11577766	11076924	12000000

Total number of pulses in waveform = 28

Type 5 Radar Waveform_27

Num of Bursts = 13
Burst Interval (us)= 923077

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	704978	1	19	65	1027	0	0	704978	0	923076
2	254736	2	19	90	1018	1707	0	960741	923077	1846153
3	1097466	1	19	60	1204	0	0	2060932	1846154	2769230
4	818398	1	19	80	1471	0	0	2880534	2769231	3692307
5	1177274	1	19	85	1671	0	0	4059279	3692308	4615384
6	607091	1	19	60	1716	0	0	4668041	4615385	5538461
7	1363071	1	19	95	1019	0	0	6032828	5538462	6461538
8	1201152	1	19	60	1290	0	0	7234999	6461539	7384615
9	434322	3	19	70	1019	1353	1398	7670611	7384616	8307692
10	693074	3	19	60	1056	1421	1223	8367455	8307693	9230769
11	1590831	3	19	80	1623	1252	1948	9961986	9230770	10153846
12	291004	2	19	75	1575	1140	0	10257813	10153847	11076923
13	1290496	2	19	80	1395	1239	0	11551024	11076924	12000000

Total number of pulses in waveform = 22

Type 5 Radar Waveform_28

Num of Bursts = 17
Burst Interval (us)= 705882

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	48936	3	6	90	1453	1977	1254	48936	0	705881
2	990559	1	6	55	1665	0	0	1044179	705882	1411763
3	1030372	3	6	90	1657	1296	1253	2076216	1411764	2117645
4	38305	2	6	60	1319	1939	0	2118727	2117646	2823527
5	1186517	3	6	95	1838	1497	1359	3308502	2823528	3529409
6	614844	2	6	85	1903	1083	0	3928040	3529410	4235291
7	573805	1	6	65	1189	0	0	4504831	4235292	4941173
8	832746	1	6	85	1541	0	0	5338766	4941174	5647055
9	789079	3	6	55	1341	1965	1335	6129386	5647056	6352937
10	468162	3	6	85	1112	1598	1159	6602189	6352938	7058819
11	470418	1	6	95	1916	0	0	7076476	7058820	7764701
12	1007256	1	6	90	1847	0	0	8085648	7764702	8470583
13	391043	1	6	80	1369	0	0	8478538	8470584	9176465
14	920312	1	6	95	1343	0	0	9400219	9176466	9882347
15	549838	1	6	80	1522	0	0	9951400	9882348	10588229
16	676635	2	6	100	1847	1512	0	10629557	10588230	11294111
17	877680	3	6	95	1917	1556	1542	11510596	11294112	11999993

Total number of pulses in waveform = 32



Type 5 Radar Waveform_29

Num of Bursts = 16
Burst Interval (us)= 750000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	518578	2	8	70	1605	1415	0	518578	0	749999
2	265605	1	8	60	1996	0	0	787203	750000	1499999
3	1217731	3	8	70	1287	1146	1730	2006930	1500000	2249999
4	241107	1	8	80	1405	0	0	2252200	2250000	2999999
5	1493993	1	8	65	1402	0	0	3747598	3000000	3749999
6	645830	2	8	90	1427	1612	0	4394830	3750000	4499999
7	126036	1	8	75	1906	0	0	4523905	4500000	5249999
8	993938	2	8	85	1928	1038	0	5519749	5250000	5999999
9	536607	2	8	100	1812	1905	0	6059322	6000000	6749999
10	1270742	3	8	55	1386	1081	1728	7333781	6750000	7499999
11	598525	1	8	50	1921	0	0	7936501	7500000	8249999
12	1019521	2	8	70	1085	1955	0	8957943	8250000	8999999
13	426172	2	8	100	1018	1273	0	9387155	9000000	9749999
14	776509	2	8	70	1652	1961	0	10165955	9750000	10499999
15	955387	2	8	60	1944	1957	0	11124955	10500000	11249999
16	800482	1	8	60	1214	0	0	11929338	11250000	11999999

Total number of pulses in waveform = 28

Type 5 Radar Waveform_30

Num of Bursts = 17
Burst Interval (us)= 705882

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	271783	3	14	75	1694	1348	1049	271783	0	705881
2	759078	3	14	90	1469	1719	1156	1034952	705882	1411763
3	525896	1	14	90	1336	0	0	1565192	1411764	2117645
4	669173	3	14	95	1176	1396	1483	2235701	2117646	2823527
5	601120	3	14	75	1290	1239	1962	2840876	2823528	3529409
6	954306	1	14	55	1102	0	0	3799673	3529410	4235291
7	1086835	2	14	60	1878	1488	0	4887610	4235292	4941173
8	699804	3	14	90	1868	1826	1369	5590780	4941174	5647055
9	544879	2	14	70	1969	1003	0	6140722	5647056	6352937
10	647500	2	14	85	1547	1128	0	6791194	6352938	7058819
11	846493	1	14	50	1196	0	0	7640362	7058820	7764701
12	406782	2	14	95	1303	1916	0	8048340	7764702	8470583
13	493413	2	14	95	1436	1997	0	8544972	8470584	9176465
14	1262876	2	14	85	1993	1258	0	9811281	9176466	9882347
15	455406	1	14	60	1885	0	0	10269938	9882348	10588229
16	842050	2	14	80	1329	1539	0	11113873	10588230	11294111
17	633963	3	14	80	1741	1410	1694	11750704	11294112	11999993

Total number of pulses in waveform = 36

Radar Type 6 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5496.4	1	16	5520.5	1
2	5556.8	1	17	5532.7	1
3	5504.4	1	18	5491.0	1
4	5493.7	1	19	5525.8	1
5	5569.0	1	20	5564.8	1
6	5535.4	1	21	5523.2	1
7	5530.0	1	22	5538.0	1
8	5562.2	1	23	5501.7	1
9	5509.8	1	24	5512.4	1
10	5551.4	1	25	5546.1	1
11	5515.1	1	26	5543.4	1
12	5559.5	1	27	5517.8	1
13	5567.5	1	28	5548.8	1
14	5499.0	1	29	5507.1	1
15	5554.1	1	30	5540.7	1
Detection Percentage (%)					100%

Radar waveform #1			Radar waveform #2		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5478	6	10	5574	30
8	5528	24	14	5562	42
14	5515	42	16	5579	48
16	5503	48	29	5563	87
17	5520	51	31	5534	93
20	5519	60	34	5557	102
30	5513	90	46	5568	138
32	5486	96	50	5521	150
38	5527	114	54	5549	162
39	5497	117	63	5546	189
49	5523	147	64	5554	192
51	5526	153	73	5548	219
65	5521	195	--	--	--
69	5524	207	--	--	--
77	5484	231	--	--	--
82	5531	246	--	--	--

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5513	6	0	5506	0
4	5531	12	5	5477	15
7	5521	21	7	5497	21
15	5511	45	8	5508	24
24	5482	72	10	5513	30
39	5519	117	12	5491	36
45	5535	135	37	5509	111
49	5520	147	40	5499	120
51	5525	153	44	5496	132
59	5501	177	56	5502	168
94	5517	282	71	5501	213
--	--	--	74	5527	222
--	--	--	88	5482	264
--	--	--	91	5524	273
--	--	--	93	5530	279
--	--	--	96	5512	288

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
9	5549	27	14	5516	42
22	5557	66	17	5555	51
25	5532	75	20	5520	60
40	5563	120	24	5553	72
42	5581	126	37	5534	111
64	5546	192	38	5521	114
74	5560	222	40	5541	120
77	5545	231	55	5518	165
94	5554	282	69	5548	207
98	5589	294	83	5510	249

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
17	5521	51	17	5584	51
19	5511	57	23	5541	69
21	5525	63	33	5538	99
25	5541	75	38	5535	114
42	5555	126	58	5572	174
48	5532	144	65	5579	195
60	5536	180	67	5532	201
73	5510	219	71	5544	213
76	5554	228	72	5543	216
86	5526	258	75	5547	225
87	5552	261	78	5580	234
88	5502	264	90	5537	270
95	5524	285	97	5526	291

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5537	3	2	5512	6
15	5512	45	3	5560	9
26	5504	78	19	5550	57
30	5531	90	21	5540	63
43	5542	129	22	5545	66
52	5545	156	26	5549	78
59	5499	177	36	5515	108
63	5492	189	40	5513	120
66	5491	198	44	5541	132
75	5515	225	55	5552	165
76	5544	228	73	5546	219
83	5494	249	82	5533	246
88	5538	264	85	5519	255
93	5514	279	--	--	--

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5535	6	21	5567	63
5	5547	15	27	5571	81
15	5490	45	35	5539	105
17	5501	51	37	5540	111
29	5540	87	48	5522	144
37	5522	111	49	5559	147
39	5539	117	50	5544	150
42	5532	126	56	5530	168
51	5502	153	58	5575	174
65	5494	195	81	5552	243
68	5509	204	95	5541	285
69	5528	207	99	5566	297
86	5518	258	--	--	--
87	5505	261	--	--	--

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
4	5542	12	5	5507	15
13	5559	39	7	5516	21
21	5587	63	13	5512	39
29	5565	87	27	5513	81
36	5567	108	52	5503	156
42	5582	126	70	5535	210
56	5556	168	79	5528	237
57	5535	171	81	5500	243
70	5531	210	95	5498	285
73	5564	219	--	--	--
81	5533	243	--	--	--
99	5552	297	--	--	--

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5552	6	12	5539	36
14	5551	42	15	5508	45
31	5535	93	20	5509	60
35	5538	105	42	5522	126
37	5515	111	61	5526	183
38	5561	114	63	5553	189
41	5558	123	70	5506	210
63	5537	189	98	5556	294
71	5545	213	--	--	--
83	5554	249	--	--	--
85	5516	255	--	--	--
89	5519	267	--	--	--
91	5540	273	--	--	--

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5535	6	9	5474	27
7	5541	21	11	5508	33
13	5532	39	13	5496	39
19	5534	57	46	5479	138
22	5516	66	52	5480	156
39	5510	117	58	5511	174
46	5508	138	77	5504	231
50	5507	150	78	5527	234
62	5549	186	--	--	--
64	5546	192	--	--	--
67	5556	201	--	--	--
78	5555	234	--	--	--
79	5528	237	--	--	--
82	5540	246	--	--	--

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5519	6	10	5560	30
19	5544	57	11	5525	33
23	5549	69	16	5561	48
25	5503	75	19	5531	57
26	5501	78	20	5572	60
32	5545	96	23	5534	69
36	5527	108	37	5582	111
38	5553	114	40	5557	120
44	5511	132	41	5532	123
53	5521	159	46	5552	138
65	5539	195	54	5527	162
66	5541	198	75	5529	225
82	5554	246	79	5546	237
89	5529	267	84	5559	252
--	--	--	94	5526	282
--	--	--	97	5548	291

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
13	5533	39	0	5549	0
20	5529	60	11	5544	33
24	5547	72	20	5512	60
28	5542	84	28	5542	84
48	5506	144	30	5545	90
49	5558	147	37	5559	111
57	5518	171	44	5551	132
72	5553	216	47	5554	141
73	5527	219	58	5553	174
80	5511	240	74	5506	222
82	5515	246	95	5548	285
85	5546	255	99	5510	297
88	5556	264	--	--	--
98	5526	294	--	--	--

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5531	6	2	5550	6
3	5539	9	4	5490	12
8	5495	24	6	5536	18
12	5540	36	8	5533	24
13	5498	39	10	5520	30
23	5513	69	13	5498	39
44	5532	132	17	5512	51
48	5527	144	21	5491	63
56	5491	168	24	5539	72
62	5508	186	26	5547	78
70	5480	210	28	5546	84
73	5506	219	35	5492	105
89	5511	267	44	5513	132
93	5487	279	65	5501	195
--	--	--	93	5518	279

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5549	6	10	5531	30
12	5555	36	20	5512	60
36	5557	108	28	5557	84
37	5519	111	42	5524	126
40	5513	120	50	5544	150
47	5569	141	55	5521	165
54	5529	162	59	5507	177
62	5511	186	61	5547	183
64	5531	192	84	5552	252
75	5540	225	85	5514	255
83	5563	249	93	5543	279
85	5534	255	--	--	--
87	5510	261	--	--	--

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5523	9	0	5560	0
6	5549	18	6	5548	18
9	5519	27	27	5510	81
14	5547	42	29	5556	87
23	5515	69	40	5509	120
24	5535	72	46	5526	138
31	5525	93	54	5523	162
32	5503	96	57	5527	171
42	5543	126	63	5555	189
43	5545	129	64	5516	192
48	5500	144	72	5532	216
66	5508	198	77	5551	231
82	5553	246	78	5517	234
86	5532	258	82	5544	246
--	--	--	89	5549	267
--	--	--	91	5525	273

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5535	9	10	5516	30
9	5536	27	26	5538	78
14	5514	42	31	5540	93
26	5487	78	32	5543	96
32	5494	96	35	5525	105
35	5511	105	38	5513	114
38	5518	114	69	5509	207
44	5545	132	70	5532	210
49	5539	147	78	5505	234
56	5541	168	79	5546	237
67	5528	201	81	5548	243
85	5502	255	83	5524	249
91	5504	273	86	5552	258
96	5486	288	90	5547	270
99	5505	297	97	5539	291

Radar Statistical Performance for 802.11ac-VHT80+80 (Contiguous) - 5210MHz+5290MHz

Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5285.5	1	578	92	1
2	5325.6	1	918	58	1
3	5298.6	1	898	59	1
4	5282.8	1	598	89	1
5	5322.6	1	538	99	1
6	5301.4	1	558	95	1
7	5258.3	1	738	72	1
8	5319.4	1	718	74	1
9	5295.5	1	518	102	1
10	5250.0	1	698	76	1
11	5328.3	1	3066	18	1
12	5279.7	1	818	65	1
13	5261.6	1	618	86	1
14	5316.9	1	778	68	1
15	5255.6	1	798	67	1
16	5304.7	1	2744	20	1
17	5276.6	1	1655	32	1
18	5264.8	1	2076	26	1
19	5292.7	1	1857	29	1
20	5288.7	1	1327	40	1
21	5252.8	1	1461	37	1
22	5313.3	1	2778	19	1
23	5307.5	1	1919	28	1
24	5273.8	1	2338	23	1
25	5329.0	1	3001	18	1
26	5290.0	1	2284	24	1
27	5267.3	1	2085	26	1
28	5310.6	1	2578	21	1
29	5290.0	1	1127	47	1
30	5270.5	1	2329	23	1
Detection Percentage (%)					100%

Radar Type 2 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5263.5	3.1	156	27	1
2	5309.3	1.6	191	27	1
3	5290.0	2.9	210	23	1
4	5300.5	4.7	155	23	1
5	5254.5	3.9	198	26	1
6	5312.5	2.8	179	28	0
7	5306.9	1.9	207	24	1
8	5257.3	4.3	156	27	1
9	5315.6	1.0	186	28	1
10	5287.3	3.0	171	27	1
11	5290.0	2.9	197	26	1
12	5250.0	1.4	168	27	1
13	5297.3	3.0	186	29	1
14	5266.4	4.2	191	25	1
15	5260.2	1.2	187	27	1
16	5303.4	3.0	167	23	1
17	5284.7	3.5	178	23	1
18	5251.4	3.6	197	29	1
19	5294.6	3.6	208	27	0
20	5278.3	3.0	181	28	1
21	5318.3	1.8	212	24	1
22	5269.8	1.0	188	29	1
23	5321.5	2.7	199	23	1
24	5281.5	3.9	171	24	1
25	5329.0	2.2	224	24	1
26	5272.4	2.1	230	25	1
27	5327.8	1.4	202	25	1
28	5291.4	1.9	220	29	1
29	5324.7	4.6	183	28	0
30	5275.7	2.8	196	23	1
Detection Percentage (%)					90.0%

Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5262.7	6.6	298	17	1
2	5323.7	9.7	351	16	0
3	5299.2	6.4	451	16	1
4	5283.6	7.7	457	17	1
5	5329.0	8.6	300	18	1
6	5259.2	8.8	316	18	1
7	5320.6	7.9	337	17	1
8	5296.7	7.2	286	16	1
9	5265.3	9.7	282	17	1
10	5286.8	7.7	396	18	1
11	5280.3	7.7	296	17	1
12	5317.8	7.6	292	16	1
13	5256.7	8.4	292	18	1
14	5293.6	6.0	410	16	1
15	5289.4	6.4	274	17	1
16	5302.4	6.3	420	17	1
17	5250.0	9.0	473	18	1
18	5305.3	9.9	485	17	1
19	5277.5	6.8	409	17	1
20	5268.5	6.5	428	18	1
21	5326.5	8.9	413	17	0
22	5290.0	9.8	484	17	1
23	5290.0	7.8	368	18	1
24	5271.7	6.1	372	18	1
25	5314.7	8.2	305	16	1
26	5253.5	7.9	405	17	1
27	5328.6	9.4	411	16	1
28	5308.6	9.8	407	16	1
29	5311.5	7.8	430	17	1
30	5274.6	6.1	353	17	1
Detection Percentage (%)					93.3%

Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5262.7	15.5	377	12	1
2	5302.4	17.9	460	12	1
3	5283.6	11.5	261	12	1
4	5320.6	19.6	313	16	0
5	5250.0	17.2	349	15	1
6	5317.8	14.8	262	15	1
7	5299.2	14.0	352	12	1
8	5256.7	11.7	372	12	1
9	5323.7	16.6	453	14	1
10	5286.8	14.7	278	12	1
11	5280.3	12.4	492	12	1
12	5314.7	11.7	412	15	1
13	5296.7	11.9	355	13	1
14	5259.2	14.6	314	12	1
15	5305.3	17.3	490	12	1
16	5277.5	12.8	257	13	1
17	5326.5	19.3	397	15	0
18	5289.4	17.8	341	12	1
19	5265.3	16.2	360	12	1
20	5290.0	14.3	275	12	1
21	5274.6	11.0	495	13	1
22	5253.5	18.5	458	14	0
23	5328.6	13.1	284	15	1
24	5293.6	12.2	475	12	1
25	5308.6	14.3	269	12	0
26	5268.5	18.3	357	15	1
27	5329.0	13.3	402	13	1
28	5290.0	16.0	328	14	1
29	5311.5	17.8	371	12	1
30	5271.7	18.9	455	14	0
Detection Percentage (%)					83.3%

Note: In addition an average minimum percentage of successful detection across all four Short pulse radar test

waveforms is as follows: $\frac{P_d 1 + P_d 2 + P_d 3 + P_d 4}{4} = (100\% + 90.0\% + 93.3\% + 83.3\%) / 4 = 91.7\% (>80\%)$



Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5256.8	1	16	5290.0	1
2	5253.6	1	17	5290.0	1
3	5252.0	1	18	5290.0	1
4	5255.6	1	19	5290.0	1
5	5252.4	1	20	5290.0	1
6	5257.6	1	21	5324.8	1
7	5253.2	1	22	5326.0	1
8	5254.0	1	23	5323.2	1
9	5257.2	1	24	5325.6	1
10	5254.8	1	25	5324.4	1
11	5290.0	1	26	5321.2	1
12	5290.0	1	27	5320.4	1
13	5290.0	1	28	5324.0	1
14	5290.0	1	29	5320.8	1
15	5290.0	1	30	5322.4	1
Detection Percentage (%)					100%

Type 5 Radar Waveform_1

Num of Bursts = 17 Burst Interval (us) = 705882										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	315902	2	17	90	1213	1105	0	315902	0	705881
2	685180	1	17	75	1197	0	0	1007400	705882	1411763
3	832523	1	17	90	1406	0	0	1841220	1411764	2117645
4	586286	3	17	75	1387	1690	1381	2428912	2117646	2823527
5	910911	1	17	90	1262	0	0	3344281	2823528	3529409
6	478031	1	17	100	1523	0	0	3823574	3529410	4235291
7	625744	2	17	95	1003	1434	0	4450841	4235292	4941173
8	910301	2	17	95	1782	1196	0	5363579	4941174	5647055
9	731364	1	17	100	1085	0	0	6097921	5647056	6352937
10	483551	1	17	100	1789	0	0	6582557	6352938	7058819
11	865466	1	17	80	1272	0	0	7449812	7058820	7764701
12	761879	1	17	70	1615	0	0	8212963	7764702	8470583
13	414361	2	17	95	1833	1871	0	8628939	8470584	9176465
14	1045068	3	17	75	1268	1208	1152	9677711	9176466	9882347
15	889661	3	17	60	1434	1277	1307	10571000	9882348	10588229
16	403335	2	17	50	1386	1361	0	10978353	10588230	11294111
17	737374	3	17	60	1975	1690	1157	11718474	11294112	11999993
Total number of pulses in waveform = 30 *****										



Type 5 Radar Waveform_2

Num of Bursts = 13
Burst Interval (us)= 923077

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	782797	1	9	60	1423	0	0	782797	0	923076
2	359815	3	9	100	1764	1996	1468	1144035	923077	1846153
3	1310972	1	9	80	1734	0	0	2460235	1846154	2769230
4	474011	3	9	75	1008	1347	1909	2935980	2769231	3692307
5	1018903	2	9	70	1469	1437	0	3959147	3692308	4615384
6	953288	3	9	80	1617	1912	1486	4915341	4615385	5538461
7	1338017	1	9	50	1221	0	0	6258373	5538462	6461538
8	611888	2	9	60	1128	1442	0	6871482	6461539	7384615
9	1012364	2	9	60	1019	1151	0	7886416	7384616	8307692
10	1326889	2	9	65	1833	1587	0	9215475	8307693	9230769
11	228752	3	9	100	1044	1345	1913	9447647	9230770	10153846
12	1253235	3	9	65	1603	1530	1084	10705184	10153847	11076923
13	385812	3	9	50	1733	1437	1039	11095213	11076924	12000000

Total number of pulses in waveform = 29

Type 5 Radar Waveform_3

Num of Bursts = 18
Burst Interval (us)= 666667

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	573065	2	5	85	1084	1324	0	573065	0	666666
2	280157	1	5	55	1854	0	0	855630	666667	1333333
3	860957	1	5	50	1596	0	0	1718441	1333334	2000000
4	780538	1	5	80	1817	0	0	2500575	2000001	2666667
5	623341	3	5	60	1653	1149	1734	3125733	2666668	3333334
6	277008	3	5	55	1986	1437	1827	3407277	3333335	4000001
7	972724	3	5	55	1837	1698	1659	4385251	4000002	4666668
8	282957	1	5	85	1553	0	0	4673402	4666669	5333335
9	742238	2	5	65	1386	1589	0	5417193	5333336	6000002
10	1003238	2	5	60	1284	1719	0	6423406	6000003	6666669
11	576250	1	5	85	1479	0	0	7002659	6666670	7333336
12	490513	2	5	95	1824	1485	0	7494651	7333337	8000003
13	770680	2	5	100	1375	1945	0	8268640	8000004	8666670
14	525947	3	5	60	1689	1034	1917	8797907	8666671	9333337
15	678019	2	5	55	1694	1986	0	9480566	9333338	10000004
16	520718	2	5	50	1006	1448	0	10004964	10000005	10666671
17	1294674	2	5	55	1338	1855	0	11302092	10666672	11333338
18	535244	1	5	100	1073	0	0	11840529	11333339	12000005

Total number of pulses in waveform = 34

Type 5 Radar Waveform_4

Num of Bursts = 11
Burst Interval (us)= 1090909

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	573634	2	14	50	1409	1143	0	573634	0	1090908
2	991963	1	14	60	1375	0	0	1568149	1090909	2181817
3	1296328	3	14	90	1769	1020	1333	2865852	2181818	3272726
4	1209286	3	14	80	1774	1787	1009	4079260	3272727	4363635
5	646151	3	14	100	1373	1686	1780	4729981	4363636	5454544
6	1202540	2	14	100	1011	1086	0	5937360	5454545	6545453
7	1291784	1	14	60	1703	0	0	7231241	6545454	7636362
8	911852	3	14	75	1609	1261	1333	8144796	7636363	8727271
9	1414782	3	14	50	1165	1004	1178	9563781	8727272	9818180
10	632036	1	14	50	1296	0	0	10199164	9818181	10909089
11	1372766	2	14	75	1339	1297	0	11573226	10909090	11999998

Total number of pulses in waveform = 24



Type 5 Radar Waveform_5

Num of Bursts = 19 Burst Interval (us)= 631579										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	184360	2	6	80	1747	1811	0	184360	0	631578
2	659549	1	6	85	1460	0	0	847467	631579	1263157
3	723494	1	6	70	1707	0	0	1572421	1263158	1894736
4	502598	1	6	75	1089	0	0	2076726	1894737	2526315
5	1037191	2	6	50	1994	1948	0	3115006	2526316	3157894
6	321228	1	6	75	1229	0	0	3440176	3157895	3789473
7	861554	3	6	60	1502	1618	1657	4302959	3789474	4421052
8	336388	1	6	80	1564	0	0	4644124	4421053	5052631
9	434395	3	6	75	1537	1918	1294	5080083	5052632	5684210
10	1093724	3	6	100	1473	1214	1402	6178556	5684211	6315789
11	619003	1	6	60	1452	0	0	6801648	6315790	6947368
12	383125	3	6	70	1614	1241	1721	7186225	6947369	7578947
13	848591	2	6	60	1053	1173	0	8039392	7578948	8210526
14	172154	1	6	85	1563	0	0	8213772	8210527	8842105
15	772408	2	6	50	1064	1083	0	8987743	8842106	9473684
16	632930	3	6	60	1915	1580	1487	9622820	9473685	10105263
17	971486	1	6	65	1575	0	0	10599288	10105264	10736842
18	410500	3	6	80	1970	1578	1749	11011363	10736843	11368421
19	869889	1	6	90	1844	0	0	11886549	11368422	12000000
Total number of pulses in waveform = 35 *****										

Type 5 Radar Waveform_6

Num of Bursts = 14 Burst Interval (us)= 857143										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	693686	2	19	75	1153	1000	0	693686	0	857142
2	174962	2	19	50	1705	1785	0	870801	857143	1714285
3	1639895	2	19	85	1503	1914	0	2514186	1714286	2571428
4	522399	1	19	55	1636	0	0	3040002	2571429	3428571
5	918402	3	19	90	1560	1156	1777	3960040	3428572	4285714
6	927361	1	19	90	1879	0	0	4891894	4285715	5142857
7	407630	2	19	95	1272	1646	0	5301403	5142858	6000000
8	1525984	2	19	65	1149	1761	0	6830305	6000001	6857143
9	460261	2	19	80	1588	1575	0	7293476	6857144	7714286
10	1003541	3	19	90	1942	1427	1589	8300180	7714287	8571429
11	700217	1	19	85	1423	0	0	9005355	8571430	9428572
12	1074285	1	19	85	1023	0	0	10081063	9428573	10285715
13	704538	2	19	90	1048	1007	0	10786624	10285716	11142858
14	1159256	1	19	100	1860	0	0	11947935	11142859	12000001
Total number of pulses in waveform = 25 *****										

Type 5 Radar Waveform_7

Num of Bursts = 20 Burst Interval (us)= 6000000										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	93697	3	8	75	2000	1523	1742	93697	0	5999999
2	1079998	2	8	65	1660	1547	0	1178960	6000000	11999999
3	357848	2	8	55	1069	1812	0	1540015	12000000	17999999
4	483051	1	8	70	1678	0	0	2025947	18000000	23999999
5	762920	2	8	90	1202	1980	0	2810545	24000000	29999999
6	587625	3	8	60	1653	1826	1932	3401352	30000000	35999999
7	613511	2	8	80	1445	1476	0	4020274	36000000	41999999
8	328476	3	8	65	1176	1176	1798	4351671	42000000	47999999
9	794317	2	8	80	1408	1291	0	5150138	48000000	53999999
10	385583	3	8	60	1917	1972	1307	5538420	54000000	59999999
11	819251	2	8	95	1552	1020	0	6362867	60000000	65999999
12	372962	1	8	70	1882	0	0	6738401	66000000	71999999
13	677463	1	8	90	1414	0	0	7417746	72000000	77999999
14	558922	2	8	95	1030	1187	0	7978082	78000000	83999999
15	490267	2	8	55	1146	1690	0	8470566	84000000	89999999
16	971476	2	8	95	1135	1246	0	9444878	90000000	95999999
17	349534	3	8	55	1602	1732	1515	9796793	96000000	101999999
18	650980	1	8	65	1323	0	0	10452622	102000000	107999999
19	694482	3	8	95	1161	1166	1612	11148427	108000000	113999999
20	508128	3	8	100	1547	1380	1927	11750494	114000000	119999999
Total number of pulses in waveform = 43 *****										

**Type 5 Radar Waveform_8**

Num of Bursts = 12
Burst Interval (us)= 1000000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	15243	3	10	65	1202	1035	1727	15243	0	999999
2	1177795	1	10	80	1099	0	0	1197002	1000000	1999999
3	1336186	2	10	80	1931	1599	0	2534287	2000000	2999999
4	1139574	3	10	90	1890	1281	1184	3677391	3000000	3999999
5	546788	1	10	70	1281	0	0	4228534	4000000	4999999
6	1085898	1	10	85	1935	0	0	5315713	5000000	5999999
7	1638848	1	10	50	1539	0	0	6956496	6000000	6999999
8	1031930	3	10	100	1650	1615	1610	7989965	7000000	7999999
9	153911	3	10	55	1355	1987	1956	8148651	8000000	8999999
10	1363355	1	10	75	1995	0	0	9517304	9000000	9999999
11	1324198	1	10	85	1776	0	0	10843497	10000000	10999999
12	1073222	3	10	90	1249	1381	1222	11918495	11000000	11999999

Total number of pulses in waveform = 23

Type 5 Radar Waveform_9

Num of Bursts = 8
Burst Interval (us)= 1500000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1051112	2	18	85	1513	1708	0	1051112	0	1499999
2	730976	3	18	60	1692	1142	1360	1785309	1500000	2999999
3	1398681	3	18	95	1106	1794	1278	3188184	3000000	4499999
4	1475076	3	18	55	1375	1751	1940	4667438	4500000	5999999
5	1632615	1	18	95	1172	0	0	6305119	6000000	7499999
6	1620970	1	18	50	1259	0	0	7927261	7500000	8999999
7	1549252	2	18	65	1880	1879	0	9477772	9000000	10499999
8	1056586	2	18	60	1875	1164	0	10538117	10500000	11999999

Total number of pulses in waveform = 17

Type 5 Radar Waveform_10

Num of Bursts = 12
Burst Interval (us)= 1000000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	523408	1	12	70	1923	0	0	523408	0	999999
2	1338839	3	12	65	1213	1384	1218	1864170	1000000	1999999
3	1024297	3	12	65	1239	1410	1393	2892282	2000000	2999999
4	896143	1	12	55	1773	0	0	3792467	3000000	3999999
5	574030	1	12	50	1491	0	0	4368270	4000000	4999999
6	717707	1	12	100	1906	0	0	5087468	5000000	5999999
7	1376226	1	12	90	1908	0	0	6465600	6000000	6999999
8	1401024	2	12	50	1272	1958	0	7868532	7000000	7999999
9	890610	3	12	60	1285	1440	1735	8762372	8000000	8999999
10	467848	2	12	90	1074	1600	0	9234680	9000000	9999999
11	809814	2	12	50	1015	1282	0	10047168	10000000	10999999
12	1169283	2	12	90	1933	1106	0	11218748	11000000	11999999

Total number of pulses in waveform = 22



Type 5 Radar Waveform_11

Num of Bursts = 20
Burst Interval (us)= 600000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	303487	3	18	100	1423	1810	1462	303487	0	599999
2	689122	1	18	95	1569	0	0	997304	600000	1199999
3	568852	2	18	65	1259	1155	0	1567725	1200000	1799999
4	492797	1	18	65	1380	0	0	2062936	1800000	2399999
5	370307	1	18	65	1654	0	0	2434623	2400000	2999999
6	794563	1	18	55	1580	0	0	3230840	3000000	3599999
7	668066	2	18	65	1324	1609	0	3600486	3600000	4199999
8	761704	3	18	55	1192	1404	1286	4365123	4200000	4799999
9	761470	3	18	75	1119	1760	1425	5130475	4800000	5399999
10	416101	3	18	60	1406	1694	1000	5550874	5400000	5999999
11	831701	3	18	85	1972	1784	1435	6386675	6000000	6599999
12	430361	1	18	80	1286	0	0	6822227	6600000	7199999
13	853807	2	18	55	1406	1696	0	7677320	7200000	7799999
14	196474	1	18	75	1082	0	0	7876896	7800000	8399999
15	848340	2	18	85	1768	1123	0	8726318	8400000	8999999
16	291515	3	18	100	1475	1557	1452	9020724	9000000	9599999
17	583460	2	18	55	1525	1565	0	9608668	9600000	10199999
18	633806	2	18	55	1742	1960	0	10245564	10200000	10799999
19	955662	2	18	95	1883	1376	0	11204928	10800000	11399999
20	642334	3	18	100	1274	1678	1723	11850521	11400000	11999999

Total number of pulses in waveform = 41

Type 5 Radar Waveform_12

Num of Bursts = 8
Burst Interval (us)= 1500000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	518995	2	12	75	1983	1771	0	518995	0	1499999
2	1652203	2	12	90	1696	1663	0	2174952	1500000	2999999
3	2146909	1	12	55	1173	0	0	4325220	3000000	4499999
4	1578162	3	12	65	1781	1643	1619	5904555	4500000	5999999
5	1434132	2	12	75	1972	1445	0	7343730	6000000	7499999
6	343248	2	12	70	1216	1187	0	7690395	7500000	8999999
7	2166946	3	12	85	1784	1922	1481	9859744	9000000	10499999
8	1642436	3	12	85	1743	1325	1495	11507367	10500000	11999999

Total number of pulses in waveform = 18

Type 5 Radar Waveform_13

Num of Bursts = 16
Burst Interval (us)= 750000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	543468	2	5	75	1446	1012	0	543468	0	749999
2	451357	1	5	50	1343	0	0	997283	750000	1499999
3	1059910	2	5	85	1336	1727	0	2058536	1500000	2249999
4	505975	2	5	85	1009	2000	0	2567574	2250000	2999999
5	512514	3	5	75	1004	1104	1211	3083097	3000000	3749999
6	1185477	2	5	65	1984	1774	0	4271893	3750000	4499999
7	702638	1	5	70	1396	0	0	4978289	4500000	5249999
8	547055	3	5	85	1760	1571	1739	5526740	5250000	5999999
9	692469	1	5	90	1409	0	0	6224279	6000000	6749999
10	657245	2	5	90	1928	1204	0	6882933	6750000	7499999
11	1147349	3	5	90	1166	1109	1979	8033414	7500000	8249999
12	624346	1	5	55	1795	0	0	8662014	8250000	8999999
13	797145	3	5	90	1654	1048	1711	9460954	9000000	9749999
14	930514	3	5	50	1261	1278	1168	10395881	9750000	10499999
15	230306	1	5	50	1770	0	0	10629894	10500000	11249999
16	831153	3	5	70	1338	1353	1779	11462817	11250000	11999999

Total number of pulses in waveform = 33



Type 5 Radar Waveform_14

Num of Bursts = 10
Burst Interval (us)= 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1125374	2	10	60	1526	1566	0	1125374	0	1199999
2	332223	1	10	50	1060	0	0	1460689	1200000	2399999
3	2088302	1	10	100	1745	0	0	3550051	2400000	3599999
4	582583	3	10	55	1443	1785	1374	4134379	3600000	4799999
5	1786262	2	10	80	1502	1446	0	5925243	4800000	5999999
6	420662	3	10	55	1855	1509	1762	6348853	6000000	7199999
7	1324924	1	10	80	1961	0	0	7678903	7200000	8399999
8	1656162	1	10	50	1463	0	0	9337026	8400000	9599999
9	1364698	2	10	60	1512	1153	0	10703187	9600000	10799999
10	223836	3	10	85	1712	1317	1006	10929688	10800000	11999999

Total number of pulses in waveform = 19

Type 5 Radar Waveform_15

Num of Bursts = 19
Burst Interval (us)= 631579

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	449697	1	14	80	1015	0	0	449697	0	631578
2	520587	1	14	80	1613	0	0	971299	631579	1263157
3	627133	2	14	60	1722	1037	0	1600045	1263158	1894736
4	612839	2	14	85	1791	1500	0	2215643	1894737	2526315
5	363354	2	14	65	1548	1830	0	2582288	2526316	3157894
6	898387	3	14	95	1569	1825	1312	3484053	3157895	3789473
7	730532	2	14	75	1248	1129	0	4219291	3789474	4421052
8	274770	2	14	75	1324	1421	0	4496438	4421053	5052631
9	721473	3	14	90	1188	1152	1832	5220656	5052632	5684210
10	855669	3	14	50	1502	1245	1017	6080497	5684211	6315789
11	291799	1	14	50	1137	0	0	6376060	6315790	6947368
12	772484	1	14	95	1392	0	0	7149681	6947369	7578947
13	887321	1	14	60	1026	0	0	8038394	7578948	8210526
14	538462	1	14	50	1727	0	0	8577882	8210527	8842105
15	362072	2	14	60	1408	1539	0	8941681	8842106	9473684
16	826061	3	14	50	1029	1089	1141	9770689	9473685	10105263
17	633317	2	14	75	1920	1624	0	10407265	10105264	10736842
18	761243	3	14	80	1054	1805	1563	11172052	10736843	11368421
19	499053	3	14	95	1792	1389	1731	11675527	11368422	12000000

Total number of pulses in waveform = 38

Type 5 Radar Waveform_16

Num of Bursts = 15
Burst Interval (us)= 800000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	635024	3	6	95	1404	1926	1250	635024	0	799999
2	798157	1	6	95	1816	0	0	1437761	800000	1599999
3	730585	3	6	55	1005	1970	1323	2170162	1600000	2399999
4	750152	2	6	80	1591	1296	0	2924612	2400000	3199999
5	620798	1	6	90	1324	0	0	3548297	3200000	3999999
6	1047573	2	6	75	1739	1737	0	4597194	4000000	4799999
7	597424	2	6	80	1467	1499	0	5198094	4800000	5599999
8	452086	2	6	85	1770	1596	0	5653146	5600000	6399999
9	1483496	2	6	55	1390	1168	0	7140008	6400000	7199999
10	227140	2	6	65	1016	1826	0	7369706	7200000	7999999
11	1050435	1	6	100	1495	0	0	8422983	8000000	8799999
12	679516	2	6	65	1322	1391	0	9103994	8800000	9599999
13	812482	1	6	90	1299	0	0	9919189	9600000	10399999
14	1076615	3	6	90	1109	1319	1292	10997103	10400000	11199999
15	385552	3	6	70	1305	1392	1655	11386375	11200000	11999999

Total number of pulses in waveform = 30



Type 5 Radar Waveform_17

Num of Bursts = 14
Burst Interval (us)= 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	692278	3	8	55	1742	1152	1669	692278	0	857142
2	878872	2	8	85	1339	1696	0	1575713	857143	1714285
3	262787	2	8	50	1654	1485	0	1841535	1714286	2571428
4	941010	3	8	65	1082	1008	1030	2785684	2571429	3428571
5	667531	3	8	95	1311	1117	1371	3456335	3428572	4285714
6	944258	2	8	95	1964	1063	0	4404392	4285715	5142857
7	1043489	3	8	75	1988	1878	1916	5450908	5142858	6000000
8	704093	1	8	60	1257	0	0	6160783	6000001	6857143
9	962433	3	8	80	1768	1046	1630	7124473	6857144	7714286
10	1425356	3	8	70	1455	1384	1479	8554273	7714287	8571429
11	101481	3	8	90	1336	1027	1004	8660072	8571430	9428572
12	1562478	1	8	60	1495	0	0	10225917	9428573	10285715
13	687864	3	8	50	1191	1220	1902	10915276	10285716	11142858
14	941925	1	8	55	1297	0	0	11861514	11142859	12000001

Total number of pulses in waveform = 33

Type 5 Radar Waveform_18

Num of Bursts = 10
Burst Interval (us)= 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1128812	1	9	85	1955	0	0	1128812	0	1199999
2	1130014	2	9	55	1933	1381	0	2260781	1200000	2399999
3	904049	2	9	85	1056	1215	0	3168144	2400000	3599999
4	1461737	3	9	85	1287	1899	1342	4632152	3600000	4799999
5	1294298	3	9	95	1587	1545	1827	5930978	4800000	5999999
6	1132864	2	9	70	1954	1370	0	7068801	6000000	7199999
7	880181	1	9	75	1872	0	0	7952306	7200000	8399999
8	605039	3	9	65	1499	1880	1732	8559217	8400000	9599999
9	1670476	1	9	55	1421	0	0	10234804	9600000	10799999
10	1306929	2	9	100	1097	1293	0	11543154	10800000	11999999

Total number of pulses in waveform = 20

Type 5 Radar Waveform_19

Num of Bursts = 19
Burst Interval (us)= 631579

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	334332	2	17	90	1124	1339	0	334332	0	631578
2	482742	2	17	100	1761	1070	0	819537	631579	1263157
3	497552	3	17	90	1509	1580	1387	1319920	1263158	1894736
4	1123981	1	17	55	1661	0	0	2448377	1894737	2526315
5	306599	3	17	55	1813	1045	1600	2756637	2526316	3157894
6	415219	1	17	100	1604	0	0	3176314	3157895	3789473
7	1111200	1	17	60	1082	0	0	4289118	3789474	4421052
8	258773	2	17	80	1885	1869	0	4548973	4421053	5052631
9	1062984	3	17	70	1238	1217	1306	5615711	5052632	5684210
10	118400	3	17	85	1108	1718	1285	5737872	5684211	6315789
11	775581	1	17	60	1612	0	0	6517664	6315790	6947368
12	486356	1	17	50	1568	0	0	7005532	6947369	7578947
13	971759	2	17	75	1624	1000	0	7978859	7578948	8210526
14	823565	2	17	50	1785	1603	0	8805048	8210527	8842105
15	157977	3	17	60	1253	1653	1812	8966413	8842106	9473684
16	859977	2	17	90	1935	1807	0	9831108	9473685	10105263
17	581381	3	17	60	1025	1941	1820	10416231	10105264	10736842
18	520702	3	17	95	1590	1659	1989	10941719	10736843	11368421
19	612884	2	17	65	1837	1872	0	11559841	11368422	12000000

Total number of pulses in waveform = 40

**Type 5 Radar Waveform_20**

Num of Bursts = 8
Burst Interval (us)= 1500000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1250599	2	19	85	1923	1769	0	1250599	0	1499999
2	1715962	3	19	80	1038	1301	1979	2970253	1500000	2999999
3	1249315	2	19	55	1492	1200	0	4223886	3000000	4499999
4	947863	3	19	70	1630	1309	1795	5174441	4500000	5999999
5	822617	1	19	70	1786	0	0	6001792	6000000	7499999
6	2628894	1	19	95	1321	0	0	8632472	7500000	8999999
7	1830651	2	19	60	1411	1721	0	10464444	9000000	10499999
8	1037735	2	19	70	1531	1488	0	11505311	10500000	11999999

Total number of pulses in waveform = 16

Type 5 Radar Waveform_21

Num of Bursts = 8
Burst Interval (us)= 1500000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1238810	3	8	70	1187	1420	1857	1238810	0	1499999
2	341214	1	8	100	1650	0	0	1584488	1500000	2999999
3	1671587	3	8	75	1991	1226	1550	3257725	3000000	4499999
4	2700211	2	8	100	1941	1240	0	5962703	4500000	5999999
5	1250421	1	8	80	1343	0	0	7216305	6000000	7499999
6	1440556	1	8	55	1295	0	0	8658204	7500000	8999999
7	1064048	1	8	100	1736	0	0	9723547	9000000	10499999
8	820488	2	8	95	1394	1999	0	10545771	10500000	11999999

Total number of pulses in waveform = 14

Type 5 Radar Waveform_22

Num of Bursts = 14
Burst Interval (us)= 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	115665	1	5	60	1803	0	0	115665	0	857142
2	1464333	2	5	50	1335	1877	0	1581801	857143	1714285
3	411767	2	5	60	1948	1107	0	1996780	1714286	2571428
4	1210560	2	5	65	1348	1834	0	3210395	2571429	3428571
5	430686	1	5	60	1249	0	0	3644243	3428572	4285714
6	1248943	2	5	60	1858	1168	0	4894435	4285715	5142857
7	479160	3	5	70	1602	1803	1084	5376621	5142858	6000000
8	1098297	2	5	55	1473	1928	0	6479407	6000001	6857143
9	746186	1	5	75	1977	0	0	7228994	6857144	7714286
10	792794	2	5	100	1212	1444	0	8023765	7714287	8571429
11	1070090	3	5	65	1459	1046	1412	9096511	8571430	9428572
12	1011344	1	5	80	1635	0	0	10111772	9428573	10285715
13	984216	2	5	60	1393	1681	0	11097623	10285716	11142858
14	541809	2	5	55	1601	1075	0	11642506	11142859	12000001

Total number of pulses in waveform = 26



Type 5 Radar Waveform_23

Num of Bursts = 18
Burst Interval (us)= 666667

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	635093	2	12	70	1249	1102	0	635093	0	666666
2	584682	3	12	65	1893	1182	1567	1222126	666667	1333333
3	509164	1	12	55	1893	0	0	1735932	1333334	2000000
4	422174	2	12	90	1259	1144	0	2159999	2000001	2666667
5	742116	3	12	60	1830	1536	1637	2904518	2666668	3333334
6	467106	1	12	80	1485	0	0	3376627	3333335	4000001
7	807494	2	12	50	1019	1268	0	4185606	4000002	4666668
8	734842	2	12	90	1128	1567	0	4922735	4666669	5333335
9	600891	3	12	95	1556	1359	1664	5526321	5333336	6000002
10	699790	3	12	65	1249	1069	1224	6230690	6000003	6666669
11	993306	3	12	80	1374	1683	1732	7227538	6666670	7333336
12	381264	1	12	55	1678	0	0	7613591	7333337	8000003
13	741975	1	12	50	1238	0	0	8357244	8000004	8666670
14	465480	2	12	70	1208	1879	0	8823962	8666671	9333337
15	952300	2	12	75	1868	1379	0	9779349	9333338	10000004
16	640310	1	12	100	1901	0	0	10422906	10000005	10666671
17	855222	1	12	100	1530	0	0	11280029	10666672	11333338
18	375616	2	12	50	1241	1350	0	11657175	11333339	12000005

Total number of pulses in waveform = 35

Type 5 Radar Waveform_24

Num of Bursts = 18
Burst Interval (us)= 666667

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	284671	1	6	90	1691	0	0	284671	0	666666
2	784487	1	6	80	1227	0	0	1070849	666667	1333333
3	454684	2	6	50	1524	1103	0	1526760	1333334	2000000
4	875746	2	6	65	1513	1129	0	2405133	2000001	2666667
5	267139	1	6	90	1826	0	0	2674914	2666668	3333334
6	907530	3	6	95	1260	1665	1732	3584270	3333335	4000001
7	997397	3	6	100	1894	1846	1011	4586324	4000002	4666668
8	478795	3	6	80	1251	1448	1498	5069870	4666669	5333335
9	707111	3	6	55	1851	1141	1499	5781178	5333336	6000002
10	330080	2	6	55	1627	1501	0	6115749	6000003	6666669
11	650738	3	6	50	1108	1391	1367	6769615	6666670	7333336
12	1117695	1	6	80	1755	0	0	7891176	7333337	8000003
13	676627	2	6	55	1309	1133	0	8569558	8000004	8666670
14	200767	1	6	65	1986	0	0	8772767	8666671	9333337
15	1051847	2	6	90	1857	1467	0	9826600	9333338	10000004
16	621141	2	6	100	1045	1424	0	10451065	10000005	10666671
17	413284	1	6	80	1884	0	0	10866818	10666672	11333338
18	664515	1	6	75	1117	0	0	11533217	11333339	12000005

Total number of pulses in waveform = 34

Type 5 Radar Waveform_25

Num of Bursts = 17
Burst Interval (us)= 705882

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	387651	2	9	95	1982	1541	0	387651	0	705881
2	475535	3	9	50	1723	1678	1435	866709	705882	1411763
3	1112716	3	9	95	1814	1900	1099	1984261	1411764	2117645
4	691955	2	9	100	1729	1919	0	2681029	2117646	2823527
5	576016	1	9	75	1560	0	0	3260693	2823528	3529409
6	860377	2	9	50	1860	1311	0	4122630	3529410	4235291
7	196153	3	9	85	1922	1343	1965	4321954	4235292	4941173
8	912188	2	9	70	1437	1671	0	5239372	4941174	5647055
9	446407	1	9	85	1920	0	0	5688887	5647056	6352937
10	1057473	1	9	55	1567	0	0	6748280	6352938	7058819
11	346821	2	9	100	1670	1883	0	7096668	7058820	7764701
12	800316	2	9	55	1294	1152	0	7900537	7764702	8470583
13	1169670	1	9	100	1879	0	0	9072653	8470584	9176465
14	128366	1	9	70	1581	0	0	9202898	9176466	9882347
15	858391	2	9	55	1598	1019	0	10062370	9882348	10588229
16	654432	3	9	70	1502	1381	1325	10719919	10588230	11294111
17	1024683	1	9	90	1489	0	0	11748810	11294112	11999993

Total number of pulses in waveform = 32



Type 5 Radar Waveform_26

Num of Bursts = 18
Burst Interval (us) = 666667

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	649490	1	17	85	1126	0	0	649490	0	666666
2	319013	3	17	80	1362	1597	1290	969629	666667	1333333
3	569792	3	17	65	1172	1965	1106	1543670	1333334	2000000
4	728061	1	17	100	1396	0	0	2273974	2000001	2666667
5	779449	3	17	95	1499	1349	1609	3054819	2666668	3333334
6	461866	3	17	65	1118	1398	1305	3521142	3333335	4000001
7	760399	2	17	60	1442	1693	0	4285362	4000002	4666668
8	844362	2	17	65	1813	1904	0	5132859	4666669	5333335
9	730928	1	17	95	1115	0	0	5867504	5333336	6000002
10	237525	2	17	95	1062	1255	0	6106144	6000003	6666669
11	1129039	3	17	70	1880	1076	1253	7237500	6666670	7333336
12	408222	1	17	75	1319	0	0	7649931	7333337	8000003
13	774628	1	17	60	1750	0	0	8425878	8000004	8666670
14	320304	3	17	75	1546	1752	1645	8747932	8666671	9333337
15	685524	1	17	95	1126	0	0	9438399	9333338	10000004
16	626802	1	17	85	1334	0	0	10066327	10000005	10666671
17	964337	1	17	75	1731	0	0	11031998	10666672	11333338
18	683167	3	17	65	1627	1601	1690	11716896	11333339	12000005

Total number of pulses in waveform = 35

Type 5 Radar Waveform_27

Num of Bursts = 20
Burst Interval (us) = 600000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	423703	1	19	70	1992	0	0	423703	0	599999
2	519389	1	19	70	1295	0	0	945084	600000	1199999
3	481316	3	19	55	1727	1897	1081	1427695	1200000	1799999
4	467552	1	19	65	1956	0	0	1899952	1800000	2399999
5	738935	1	19	60	1729	0	0	2640843	2400000	2999999
6	369356	3	19	75	1690	1197	1556	3011928	3000000	3599999
7	816538	2	19	85	1543	1538	0	3832909	3600000	4199999
8	732774	1	19	70	1435	0	0	4568764	4200000	4799999
9	490323	1	19	75	1168	0	0	5060522	4800000	5399999
10	763175	2	19	55	1476	1752	0	5824865	5400000	5999999
11	311589	2	19	90	1157	1705	0	6139682	6000000	6599999
12	769592	2	19	100	1179	1019	0	6912136	6600000	7199999
13	717751	3	19	85	1224	1049	1316	7632085	7200000	7799999
14	670339	2	19	100	1291	1746	0	8306013	7800000	8399999
15	309535	2	19	85	1711	1842	0	8618585	8400000	8999999
16	478929	3	19	70	1590	1504	1362	9101067	9000000	9599999
17	588244	1	19	55	1236	0	0	9693767	9600000	10199999
18	686639	1	19	90	1151	0	0	10363642	10200000	10799999
19	988577	2	19	50	1105	1001	0	11353370	10800000	11399999
20	619918	3	19	60	1462	1977	1240	11975394	11400000	11999999

Total number of pulses in waveform = 37

Type 5 Radar Waveform_28

Num of Bursts = 14
Burst Interval (us) = 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	624707	3	10	60	1190	1382	1305	624707	0	857142
2	769875	3	10	50	1487	1697	1819	1398459	857143	1714285
3	433533	1	10	50	1907	0	0	1836995	1714286	2571428
4	1389482	3	10	100	1152	1064	1369	3228384	2571429	3428571
5	248340	1	10	65	1606	0	0	3480309	3428572	4285714
6	936142	2	10	70	1228	1611	0	4418057	4285715	5142857
7	975683	3	10	60	1026	1045	1748	5396579	5142858	6000000
8	1350334	3	10	100	1109	1542	1834	6750732	6000001	6857143
9	438084	3	10	55	1543	1121	1513	7193301	6857144	7714286
10	947900	1	10	95	1537	0	0	8145378	7714287	8571429
11	484332	2	10	65	1712	1734	0	8631247	8571430	9428572
12	1281831	1	10	80	1912	0	0	9916524	9428573	10285715
13	922483	2	10	100	1380	1562	0	10840919	10285716	11142858
14	658650	3	10	80	1490	1661	1939	11502511	11142859	12000001

Total number of pulses in waveform = 31



Type 5 Radar Waveform_29

Num of Bursts = 18
Burst Interval (us)= 666667

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	458882	3	18	65	1719	1737	1550	458882	0	666666
2	372564	3	18	70	1664	1627	1174	836452	666667	1333333
3	847734	1	18	60	1414	0	0	1688551	1333334	2000000
4	338636	3	18	55	1227	1319	1796	2028601	2000001	2666667
5	1279039	2	18	95	1294	1657	0	3311982	2666668	3333334
6	56479	2	18	70	1850	1957	0	3371412	3333335	4000001
7	924677	3	18	85	1238	1611	1508	4298896	4000002	4666668
8	505978	2	18	90	1122	1344	0	4810231	4666669	5333335
9	1159404	2	18	80	1992	1645	0	5972101	5333336	6000002
10	220697	1	18	50	1641	0	0	6196435	6000003	6666669
11	922935	2	18	95	1008	1676	0	7121011	6666670	7333336
12	610349	1	18	70	1111	0	0	7734044	7333337	8000003
13	566372	1	18	80	1344	0	0	8301527	8000004	8666670
14	801745	1	18	85	1437	0	0	9104616	8666671	9333337
15	760218	3	18	65	1317	1537	1678	9856271	9333338	10000004
16	725434	1	18	90	1596	0	0	10586237	10000005	10666671
17	324172	3	18	100	1307	1755	1213	10912005	10666672	11333338
18	708934	2	18	80	1163	1901	0	11625214	11333339	12000005

Total number of pulses in waveform = 36

Type 5 Radar Waveform_30

Num of Bursts = 14
Burst Interval (us)= 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	779460	3	14	95	1881	1463	1863	779460	0	857142
2	721694	3	14	65	1044	1337	1212	1506361	857143	1714285
3	846760	1	14	65	1675	0	0	2356714	1714286	2571428
4	771675	2	14	50	1094	1313	0	3130064	2571429	3428571
5	568953	1	14	90	1432	0	0	3701424	3428572	4285714
6	862244	3	14	90	1820	1875	1322	4565100	4285715	5142857
7	1377107	3	14	60	1967	1902	1397	5947224	5142858	6000000
8	498930	2	14	100	1145	1580	0	6451420	6000001	6857143
9	609083	2	14	80	1358	1455	0	7063228	6857144	7714286
10	1355773	3	14	65	1131	1052	1576	8421814	7714287	8571429
11	315826	2	14	60	1651	1845	0	8741399	8571430	9428572
12	1495984	3	14	55	1920	1255	1699	10240879	9428573	10285715
13	600237	2	14	75	1654	1462	0	10845990	10285716	11142858
14	378307	3	14	70	1929	1323	1895	11227413	11142859	12000001

Total number of pulses in waveform = 33

Radar Type 6 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5264.3	1	16	5328.9	1
2	5290.0	1	17	5281.4	1
3	5272.8	1	18	5292.9	1
4	5304.3	1	19	5298.6	1
5	5329.0	1	20	5324.2	1
6	5295.7	1	21	5261.4	1
7	5318.5	1	22	5278.5	1
8	5307.1	1	23	5267.1	1
9	5284.2	1	24	5312.8	1
10	5310.0	1	25	5258.6	1
11	5321.4	1	26	5327.1	1
12	5287.1	1	27	5315.7	1
13	5255.7	1	28	5252.9	1
14	5275.7	1	29	5250.0	1
15	5270.0	1	30	5301.4	1
Detection Percentage (%)					100%

Radar waveform #1			Radar waveform #2		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
15	5279	45	0	5262	0
16	5270	48	6	5266	18
21	5260	63	21	5268	63
28	5255	84	37	5264	111
30	5257	90	40	5271	120
36	5268	108	48	5276	144
38	5262	114	76	5280	228
62	5251	186	80	5258	240
80	5264	240	88	5253	264
94	5271	282	89	5260	267
95	5263	285	96	5274	288

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
4	5265	12	6	5295	18
19	5264	57	8	5269	24
30	5275	90	14	5293	42
35	5257	105	29	5275	87
64	5273	192	31	5280	93
66	5267	198	46	5277	138
82	5268	246	48	5284	144
86	5261	258	54	5271	162
--	--	--	56	5285	168
--	--	--	80	5276	240

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
18	5293	54	11	5274	33
33	5302	99	26	5281	78
39	5299	117	28	5265	84
45	5301	135	30	5270	90
59	5317	177	37	5284	111
69	5306	207	57	5258	171
84	5295	252	62	5260	186
88	5298	264	--	--	--
90	5316	270	--	--	--
95	5311	285	--	--	--

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
81	5282	243	10	5280	30
85	5286	255	30	5286	90
98	5295	294	37	5274	111
--	--	--	76	5269	228

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5271	0	8	5273	24
6	5250	18	11	5300	33
18	5276	54	33	5287	99
34	5251	102	--	--	--
37	5259	111	--	--	--
58	5280	174	--	--	--
91	5255	273	--	--	--

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
10	5283	30	2	5279	6
22	5305	66	10	5261	30
34	5306	102	16	5258	48
50	5307	150	31	5260	93
62	5290	186	41	5263	123
81	5282	243	45	5250	135
85	5285	255	59	5277	177
87	5292	261	66	5276	198
--	--	--	94	5275	282

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
60	5254	180	1	5272	3
62	5277	186	13	5263	39
77	5273	231	27	5256	81
93	5265	279	51	5274	153
97	5269	291	60	5252	180
--	--	--	89	5279	267

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
57	5258	171	19	5308	57
62	5250	186	43	5318	129
81	5277	243	46	5291	138
--	--	--	73	5305	219
--	--	--	77	5302	231
--	--	--	80	5293	240
--	--	--	97	5310	291
--	--	--	98	5320	294

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
33	5250	99	5	5267	15
37	5269	111	28	5259	84
44	5253	132	45	5257	135
47	5271	141	53	5270	159
57	5276	171	69	5278	207
66	5273	198	72	5275	216
83	5270	249	90	5260	270
98	5252	294	--	--	--

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5270	0	25	5310	75
44	5267	132	61	5303	183
84	5266	252	67	5287	201
92	5268	276	73	5298	219

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5253	6	48	5280	144
45	5277	135	57	5269	171
53	5258	159	62	5273	186
90	5276	270	82	5274	246
94	5272	282	87	5264	261
95	5254	285	89	5265	267
98	5264	294	94	5260	282

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
14	5273	42	22	5285	66
17	5262	51	44	5277	132
18	5256	54	93	5292	279
19	5263	57	--	--	--
75	5255	225	--	--	--
82	5250	246	--	--	--
84	5252	252	--	--	--

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
37	5273	111	11	5314	33
68	5258	204	14	5297	42
72	5268	216	16	5309	48
90	5276	270	23	5317	69
99	5256	297	32	5291	96
--	--	--	68	5315	204
--	--	--	70	5308	210
--	--	--	96	5294	288

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
4	5308	12	17	5252	51
7	5301	21	25	5269	75
32	5288	96	31	5251	93
39	5305	117	32	5250	96
50	5303	150	61	5272	183
76	5302	228	92	5277	276
77	5284	231	--	--	--
79	5280	237	--	--	--
89	5281	267	--	--	--
94	5304	282	--	--	--
98	5297	294	--	--	--

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
8	5258	24	11	5281	33
21	5267	63	29	5279	87
27	5265	81	31	5269	93
41	5268	123	33	5283	99
69	5277	207	44	5275	132
72	5274	216	59	5289	177
80	5254	240	61	5277	183
--	--	--	70	5285	210
--	--	--	79	5272	237
--	--	--	82	5266	246
--	--	--	98	5268	294

Radar Statistical Performance for 802.11ac-VHT80+80 (Contiguous Mode) - 5530MHz+5610MHz

Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5582.1	1	758	70	1
2	5627.9	1	858	62	1
3	5538.7	1	658	81	1
4	5576.9	1	878	61	1
5	5647.2	1	598	89	1
6	5491.0	1	638	83	1
7	5621.2	1	898	59	1
8	5588.4	1	918	58	1
9	5533.4	1	718	74	1
10	5634.8	1	558	95	1
11	5511.9	1	938	57	1
12	5570.0	1	818	65	1
13	5544.2	1	738	72	1
14	5522.3	1	578	92	1
15	5615.8	1	778	68	1
16	5496.3	1	1232	43	1
17	5593.9	1	1630	33	1
18	5549.7	1	2445	22	1
19	5527.7	1	945	56	1
20	5565.9	1	556	95	1
21	5501.8	1	1836	29	1
22	5610.0	1	1812	30	1
23	5554.6	1	2078	26	1
24	5516.7	1	1786	30	1
25	5599.4	1	2459	22	1
26	5506.4	1	1866	29	1
27	5649.0	1	1389	38	1
28	5640.4	1	807	66	1
29	5560.4	1	2197	25	1
30	5604.6	1	588	90	1
Detection Percentage (%)					100%

Radar Type 2 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5515.2	3.0	155	26	1
2	5614.4	3.4	155	24	0
3	5553.8	2.6	193	23	1
4	5649.0	1.3	190	24	1
5	5491.0	4.7	176	24	1
6	5609.7	4.9	212	26	1
7	5548.4	4.4	178	28	1
8	5510.3	4.3	185	28	1
9	5626.7	1.9	179	28	1
10	5559.7	5.0	228	29	1
11	5505.6	2.0	163	23	0
12	5603.5	1.2	162	29	1
13	5543.6	3.2	203	29	1
14	5598.8	3.4	207	27	1
15	5564.5	4.9	202	27	1
16	5521.7	3.8	190	29	1
17	5620.6	4.6	170	29	0
18	5575.6	2.2	167	29	1
19	5495.6	4.7	223	24	1
20	5581.3	3.0	201	27	1
21	5570.0	4.2	203	23	1
22	5526.3	3.0	161	26	1
23	5592.4	2.0	153	29	1
24	5537.4	3.7	208	24	1
25	5633.5	3.2	186	25	1
26	5500.4	5.0	183	24	1
27	5639.5	4.6	165	24	0
28	5587.5	1.7	154	25	1
29	5646.4	3.6	182	26	1
30	5532.5	4.1	205	25	1
Detection Percentage (%)					86.7%

Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5552.4	8.3	284	16	1
2	5638.9	6.0	357	17	1
3	5574.4	8.8	337	16	0
4	5645.1	9.3	418	17	1
5	5586.3	8.1	314	18	1
6	5494.6	6.7	419	16	1
7	5632.5	6.5	302	18	1
8	5570.0	7.3	339	18	1
9	5547.3	7.4	423	16	1
10	5591.4	6.6	347	18	1
11	5499.5	7.1	323	18	1
12	5625.4	7.0	284	17	1
13	5580.5	7.6	388	17	0
14	5491.0	7.9	273	17	1
15	5563.7	7.0	477	18	1
16	5542.4	6.0	352	18	1
17	5597.8	8.1	375	16	1
18	5504.5	8.6	270	18	1
19	5536.3	8.0	253	18	1
20	5520.4	8.3	357	17	1
21	5602.4	8.2	324	16	1
22	5513.4	7.4	261	17	1
23	5558.6	6.4	287	17	1
24	5525.3	6.7	320	17	1
25	5619.7	7.7	342	17	1
26	5509.3	6.0	418	17	1
27	5649.0	6.1	391	17	1
28	5608.5	7.3	341	17	1
29	5613.6	7.9	255	18	1
30	5531.6	7.3	481	18	1
Detection Percentage (%)					93.3%

Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5493.5	12.7	407	13	1
2	5624.6	14.5	324	12	1
3	5562.3	16.8	402	15	1
4	5525.3	14.4	423	15	1
5	5644.5	14.5	417	12	0
6	5570.0	12.5	396	16	1
7	5498.3	17.0	297	15	1
8	5557.6	16.0	255	15	1
9	5530.2	12.6	287	15	1
10	5618.4	19.5	295	13	1
11	5491.0	19.5	388	16	1
12	5631.2	17.2	314	16	1
13	5567.2	18.7	288	14	1
14	5519.6	11.1	451	15	1
15	5579.6	20.0	353	16	0
16	5535.7	18.4	387	16	1
17	5503.4	13.6	397	15	1
18	5607.1	16.9	494	14	1
19	5585.7	16.7	394	16	1
20	5551.8	17.8	441	16	1
21	5649.0	18.3	357	15	1
22	5513.5	13.7	293	13	1
23	5590.2	12.6	315	15	1
24	5541.6	11.5	349	16	1
25	5637.9	14.8	436	16	0
26	5601.4	19.2	265	13	1
27	5546.7	12.7	305	14	1
28	5508.4	17.9	282	12	0
29	5596.3	18.4	316	12	1
30	5612.5	14.2	442	15	1
Detection Percentage (%)					86.7%

Note: In addition an average minimum percentage of successful detection across all four Short pulse radar test

waveforms is as follows: $\frac{P_d 1 + P_d 2 + P_d 3 + P_d 4}{4} = (100\% + 86.7\% + 93.3\% + 86.7\%) / 4 = 91.7\% (>80\%)$

Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5497.6	1	16	5570.0	1
2	5499.6	1	17	5570.0	1
3	5496.0	1	18	5570.0	1
4	5494.0	1	19	5570.0	1
5	5495.6	1	20	5570.0	1
6	5494.4	1	21	5645.6	1
7	5499.2	1	22	5643.2	1
8	5498.8	1	23	5644.0	1
9	5495.2	1	24	5642.4	1
10	5496.8	1	25	5644.4	1
11	5570.0	1	26	5646.0	1
12	5570.0	1	27	5640.4	1
13	5570.0	1	28	5641.2	1
14	5570.0	1	29	5644.8	1
15	5570.0	1	30	5640.8	1
Detection Percentage (%)					100%

Type 5 Radar Waveform_1										
Num of Bursts = 8										
Burst Interval (us)= 1500000										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	560030	1	14	85	1235	0	0	560030	0	1499999
2	1581080	2	14	65	1474	1312	0	2142345	1500000	2999999
3	1331866	3	14	90	1851	1201	1584	3476997	3000000	4499999
4	1610008	3	14	85	1315	1054	1843	5091641	4500000	5999999
5	1344442	1	14	95	1199	0	0	6440295	6000000	7499999
6	1793103	1	14	60	1424	0	0	8234597	7500000	8999999
7	875576	1	14	60	1475	0	0	9111597	9000000	10499999
8	2396996	1	14	90	1439	0	0	11510068	10500000	11999999
Total number of pulses in waveform = 13										



Type 5 Radar Waveform_2

Num of Bursts = 13
Burst Interval (us)= 923077

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	562656	1	19	80	1745	0	0	562656	0	923076
2	948108	3	19	85	1777	1609	1992	1512509	923077	1846153
3	448976	3	19	95	1967	1721	1919	1966863	1846154	2769230
4	874228	2	19	75	1124	1383	0	2846698	2769231	3692307
5	1060506	2	19	100	1318	1963	0	3909711	3692308	4615384
6	831412	1	19	100	1921	0	0	4744404	4615385	5538461
7	1152477	1	19	65	1518	0	0	5898802	5538462	6461538
8	1341866	2	19	80	1835	1420	0	7242186	6461539	7384615
9	552623	2	19	85	1773	1141	0	7798064	7384616	8307692
10	1232408	1	19	95	1247	0	0	9033386	8307693	9230769
11	323367	3	19	55	1573	1188	1028	9358000	9230770	10153846
12	1358990	3	19	60	1707	1552	1705	10720779	10153847	11076923
13	1116856	2	19	80	1031	1096	0	11842599	11076924	12000000

Total number of pulses in waveform = 26

Type 5 Radar Waveform_3

Num of Bursts = 16
Burst Interval (us)= 750000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	731336	2	10	70	1890	1160	0	731336	0	749999
2	327328	3	10	85	1175	1087	1716	1061714	750000	1499999
3	1028588	2	10	50	1925	1460	0	2094280	1500000	2249999
4	301912	2	10	90	1702	1457	0	2399577	2250000	2999999
5	731890	3	10	50	1306	1940	1238	3134616	3000000	3749999
6	1332542	2	10	85	1059	1574	0	4471642	3750000	4499999
7	569430	1	10	80	1119	0	0	5043705	4500000	5249999
8	247497	2	10	55	1135	1079	0	5292321	5250000	5999999
9	927977	2	10	65	1283	1548	0	6222512	6000000	6749999
10	1016343	3	10	85	1993	1729	1204	7241686	6750000	7499999
11	609006	3	10	70	1046	1181	1816	7856618	7500000	8249999
12	693693	3	10	70	1975	1602	2000	8553354	8250000	8999999
13	898204	1	10	90	1025	0	0	9457135	9000000	9749999
14	902221	3	10	80	1332	1003	1119	10360381	9750000	10499999
15	526133	1	10	95	1994	0	0	10889968	10500000	11249999
16	406252	2	10	80	1110	1805	0	11298214	11250000	11999999

Total number of pulses in waveform = 35

Type 5 Radar Waveform_4

Num of Bursts = 14
Burst Interval (us)= 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	105207	2	5	60	1913	1048	0	105207	0	857142
2	1394862	3	5	100	1684	1774	1203	1503030	857143	1714285
3	230676	3	5	55	1496	1431	1766	1738367	1714286	2571428
4	830918	2	5	50	1533	1013	0	2573978	2571429	3428571
5	976783	1	5	90	1071	0	0	3553307	3428572	4285714
6	1236396	3	5	50	1687	1353	1142	4790774	4285715	5142857
7	513946	1	5	70	1302	0	0	5308902	5142858	6000000
8	1035435	1	5	55	1489	0	0	6345639	6000001	6857143
9	558209	2	5	65	1940	1186	0	6905337	6857144	7714286
10	1468593	1	5	85	1603	0	0	8377056	7714287	8571429
11	339022	3	5	70	1511	1346	1516	8717681	8571430	9428572
12	1049980	1	5	80	1200	0	0	9772034	9428573	10285715
13	662561	2	5	55	1107	1800	0	10435795	10285716	11142858
14	1000572	3	5	50	1435	1306	1067	11439274	11142859	12000001

Total number of pulses in waveform = 28



Type 5 Radar Waveform_5

Num of Bursts = 16
Burst Interval (us)= 750000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	277521	3	9	75	1767	1557	1759	277521	0	749999
2	686043	1	9	85	1428	0	0	968647	750000	1499999
3	917980	1	9	100	1456	0	0	1888055	1500000	2249999
4	561185	2	9	70	1945	1529	0	2450696	2250000	2999999
5	558792	3	9	85	1422	1765	1434	3012962	3000000	3749999
6	871303	2	9	95	1438	1959	0	3888886	3750000	4499999
7	1197999	2	9	75	1277	1496	0	5090282	4500000	5249999
8	569332	3	9	100	1832	1791	1400	5662387	5250000	5999999
9	497132	3	9	50	1392	1984	1509	6164542	6000000	6749999
10	829645	2	9	70	1108	1366	0	6999072	6750000	7499999
11	1212961	1	9	65	1088	0	0	8214507	7500000	8249999
12	507840	2	9	60	1048	1416	0	8723435	8250000	8999999
13	879473	3	9	75	1461	1071	1862	9605372	9000000	9749999
14	447301	2	9	95	1555	1600	0	10057067	9750000	10499999
15	632939	1	9	55	1737	0	0	10693161	10500000	11249999
16	1203840	1	9	95	1521	0	0	11898738	11250000	11999999

Total number of pulses in waveform = 32

Type 5 Radar Waveform_6

Num of Bursts = 15
Burst Interval (us)= 800000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	625262	2	6	85	1021	1890	0	625262	0	799999
2	946189	1	6	90	1903	0	0	1574362	800000	1599999
3	276879	1	6	80	1479	0	0	1853144	1600000	2399999
4	874169	2	6	85	1943	1736	0	2728792	2400000	3199999
5	745858	3	6	55	1546	1987	1358	3478329	3200000	3999999
6	1308924	2	6	80	1424	1157	0	4792144	4000000	4799999
7	367286	1	6	60	1217	0	0	5162011	4800000	5599999
8	1067117	2	6	80	1722	1588	0	6230345	5600000	6399999
9	209638	2	6	65	1516	1833	0	6443293	6400000	7199999
10	1255702	1	6	85	1750	0	0	7702344	7200000	7999999
11	533818	1	6	95	1277	0	0	8237912	8000000	8799999
12	1240440	1	6	50	1919	0	0	9479629	8800000	9599999
13	660786	1	6	75	1927	0	0	10142334	9600000	10399999
14	627847	3	6	95	1596	1063	1078	10772108	10400000	11199999
15	508064	3	6	90	1914	1509	1606	11283909	11200000	11999999

Total number of pulses in waveform = 25

Type 5 Radar Waveform_7

Num of Bursts = 19
Burst Interval (us)= 631579

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	357215	2	18	80	1855	1624	0	357215	0	631578
2	591109	3	18	55	1489	1763	1407	951803	631579	1263157
3	584641	3	18	70	1705	1840	1313	1541103	1263158	1894736
4	535784	3	18	75	1229	1565	1802	2081745	1894737	2526315
5	463854	2	18	100	1075	1725	0	2550195	2526316	3157894
6	1102952	1	18	95	1024	0	0	3655947	3157895	3789473
7	441810	3	18	95	1722	1074	1443	4098781	3789474	4421052
8	827868	2	18	90	1744	1364	0	4930888	4421053	5052631
9	737690	3	18	85	1280	1371	1822	5671686	5052632	5684210
10	134014	3	18	75	1442	1484	1752	5810173	5684211	6315789
11	643466	3	18	85	1325	1562	1641	6458317	6315790	6947368
12	880027	2	18	90	1676	1132	0	7342872	6947369	7578947
13	788414	2	18	50	1374	1105	0	8134094	7578948	8210526
14	682747	1	18	75	1300	0	0	8819320	8210527	8842105
15	401261	3	18	95	1021	1425	1700	9221881	8842106	9473684
16	283555	1	18	75	1486	0	0	9509582	9473685	10105263
17	1218852	1	18	70	1912	0	0	10729920	10105264	10736842
18	327387	1	18	100	1380	0	0	11059219	10736843	11368421
19	339661	1	18	90	1477	0	0	11400260	11368422	12000000

Total number of pulses in waveform = 40

**Type 5 Radar Waveform_8**

Num of Bursts = 8
Burst Interval (us)= 1500000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1086127	3	17	85	1365	1772	1836	1086127	0	1499999
2	622169	3	17	60	1361	1918	1810	1713269	1500000	2999999
3	2690977	1	17	80	1639	0	0	4409335	3000000	4499999
4	744912	1	17	75	1992	0	0	5155886	4500000	5999999
5	998290	3	17	70	1948	1530	1554	6156168	6000000	7499999
6	1477425	3	17	50	1944	1695	1401	7638625	7500000	8999999
7	2312375	2	17	65	1209	1768	0	9956040	9000000	10499999
8	968343	3	17	75	1599	1909	1663	10927360	10500000	11999999

Total number of pulses in waveform = 19

Type 5 Radar Waveform_9

Num of Bursts = 15
Burst Interval (us)= 800000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	306810	2	8	90	1267	1598	0	306810	0	799999
2	1045358	1	8	80	1512	0	0	1355033	800000	1599999
3	1007365	3	8	85	1264	1564	1182	2363910	1600000	2399999
4	94788	1	8	50	1488	0	0	2462708	2400000	3199999
5	941191	2	8	75	1993	1250	0	3405387	3200000	3999999
6	1311696	1	8	55	1306	0	0	4720326	4000000	4799999
7	586475	2	8	60	1371	1254	0	5308107	4800000	5599999
8	973520	1	8	80	1907	0	0	6284252	5600000	6399999
9	296741	2	8	50	1704	1834	0	6582900	6400000	7199999
10	1008325	2	8	85	1720	1078	0	7594763	7200000	7999999
11	442156	3	8	90	1781	1918	1783	8039717	8000000	8799999
12	968151	2	8	85	1549	1021	0	9043350	8800000	9599999
13	1102592	3	8	60	1069	1509	1070	10148512	9600000	10399999
14	443794	1	8	75	1463	0	0	10595954	10400000	11199999
15	1123612	3	8	100	1395	1033	1748	11721029	11200000	11999999

Total number of pulses in waveform = 29

Type 5 Radar Waveform_10

Num of Bursts = 20
Burst Interval (us)= 600000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	557115	2	12	50	1628	1935	0	557115	0	599999
2	388286	2	12	95	1283	1323	0	948964	600000	1199999
3	774450	2	12	75	1690	1975	0	1726020	1200000	1799999
4	336631	1	12	60	1642	0	0	2066316	1800000	2399999
5	805895	2	12	75	1086	1698	0	2873853	2400000	2999999
6	542664	2	12	80	1392	1649	0	3419301	3000000	3599999
7	760495	2	12	70	1158	1184	0	4182837	3600000	4199999
8	284334	3	12	60	1415	1481	1266	4469513	4200000	4799999
9	712148	3	12	80	1697	1066	1523	5185813	4800000	5399999
10	774712	1	12	80	1502	0	0	5964811	5400000	5999999
11	333334	2	12	55	1593	1184	0	6299647	6000000	6599999
12	491652	2	12	65	1516	1307	0	6794076	6600000	7199999
13	990476	3	12	95	1084	1878	1665	7787374	7200000	7799999
14	243011	2	12	65	1492	1072	0	8035012	7800000	8399999
15	473539	1	12	75	1235	0	0	8511115	8400000	8999999
16	846002	2	12	60	1593	1564	0	9357352	9000000	9599999
17	560501	2	12	100	1021	1243	0	9921010	9600000	10199999
18	656465	3	12	85	1616	1705	1295	10579739	10200000	10799999
19	615262	1	12	55	1400	0	0	11199617	10800000	11399999
20	698748	2	12	55	1884	1004	0	11897765	11400000	11999999

Total number of pulses in waveform = 40



Type 5 Radar Waveform_11

Num of Bursts = 14
Burst Interval (us)= 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	826605	1	10	60	1815	0	0	845718	0	857142
2	825943	1	10	90	1284	0	0	1674138	857143	1714285
3	825342	2	10	85	1501	1784	0	2501365	1714286	2571428
4	480084	3	10	50	1797	1869	1122	3329992	2571429	3428571
5	979056	1	10	75	1300	0	0	3814864	3428572	4285714
6	580276	3	10	85	1374	1249	1392	4795220	4285715	5142857
7	1453909	1	10	50	1705	0	0	5379511	5142858	6000000
8	718292	1	10	95	1984	0	0	6835125	6000001	6857143
9	442303	1	10	60	1923	0	0	7555401	6857144	7714286
10	1419212	3	10	60	1963	1409	1508	7999627	7714287	8571429
11	422665	1	10	70	1845	0	0	9423719	8571430	9428572
12	1072057	2	10	60	1563	1470	0	9848229	9428573	10285715
13	869221	2	10	55	1591	1615	0	10923319	10285716	11142858
14		3	10	85	1049	1345	1616	11795746	11142859	12000001

Total number of pulses in waveform = 25

Type 5 Radar Waveform_12

Num of Bursts = 14
Burst Interval (us)= 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	83717	3	14	60	1510	1417	1535	83717	0	857142
2	1363127	2	14	70	1370	1152	0	1451306	857143	1714285
3	717435	2	14	60	1831	1635	0	2171263	1714286	2571428
4	564517	2	14	85	1135	1212	0	2739246	2571429	3428571
5	858752	3	14	100	1692	1223	1008	3600345	3428572	4285714
6	909796	3	14	50	1383	1716	1894	4514064	4285715	5142857
7	849438	1	14	50	1224	0	0	5368495	5142858	6000000
8	1400435	2	14	60	1510	1148	0	6770154	6000001	6857143
9	190668	1	14	50	1764	0	0	6963480	6857144	7714286
10	919825	1	14	60	1514	0	0	7885069	7714287	8571429
11	1389900	1	14	85	1359	0	0	9276483	8571430	9428572
12	966495	1	14	80	1196	0	0	10244337	9428573	10285715
13	216849	2	14	70	1499	1885	0	10462382	10285716	11142858
14	825009	3	14	100	1238	1474	1397	11290775	11142859	12000001

Total number of pulses in waveform = 27

Type 5 Radar Waveform_13

Num of Bursts = 14
Burst Interval (us)= 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	757230	3	9	50	1215	1450	1678	757230	0	857142
2	678469	2	9	80	1016	1425	0	1440042	857143	1714285
3	663134	3	9	80	1436	1027	1665	2105617	1714286	2571428
4	628184	1	9	90	1550	0	0	2737929	2571429	3428571
5	999121	2	9	60	1625	1086	0	3738600	3428572	4285714
6	701955	2	9	50	1506	1190	0	4443266	4285715	5142857
7	997676	2	9	70	1793	1461	0	5443638	5142858	6000000
8	762543	3	9	80	1088	1489	1904	6209435	6000001	6857143
9	974704	1	9	55	1630	0	0	7188620	6857144	7714286
10	965938	3	9	70	1333	1332	1385	8156188	7714287	8571429
11	956658	3	9	50	1988	1466	1007	9116896	8571430	9428572
12	954848	2	9	75	1932	1352	0	10076205	9428573	10285715
13	467398	2	9	55	1938	1481	0	10546887	10285716	11142858
14	1043757	3	9	55	1843	1782	1730	11594063	11142859	12000001

Total number of pulses in waveform = 32



Type 5 Radar Waveform_14

Num of Bursts = 14
Burst Interval (us)= 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	152246	2	8	55	1676	1562	0	152246	0	857142
2	1149400	3	8	65	1841	1785	1725	1304884	857143	1714285
3	581435	2	8	70	1593	1205	0	1891670	1714286	2571428
4	687730	2	8	70	1942	1535	0	2582203	2571429	3428571
5	1571482	3	8	80	1253	1457	1547	4157162	3428572	4285714
6	452716	1	8	75	1916	0	0	4614135	4285715	5142857
7	1078121	1	8	75	1186	0	0	5694172	5142858	6000000
8	665507	3	8	85	1259	1139	1085	6360865	6000001	6857143
9	1312385	1	8	75	1563	0	0	7676733	6857144	7714286
10	510689	1	8	85	1066	0	0	8188985	7714287	8571429
11	877764	1	8	85	1415	0	0	9067815	8571430	9428572
12	848155	3	8	55	1651	1968	1965	9917385	9428573	10285715
13	884633	2	8	90	1026	1849	0	10807602	10285716	11142858
14	535765	3	8	50	1583	1191	1424	11346242	11142859	12000001

Total number of pulses in waveform = 28

Type 5 Radar Waveform_15

Num of Bursts = 18
Burst Interval (us)= 666667

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	92713	3	17	95	1137	1988	1715	92713	0	666666
2	1088127	3	17	90	1289	1628	1824	1185680	666667	1333333
3	439913	3	17	80	1844	1954	1444	1630334	1333334	2000000
4	413752	1	17	75	1758	0	0	2049328	2000001	2666667
5	806953	1	17	90	1821	0	0	2858039	2666668	3333334
6	559157	2	17	55	1709	1031	0	3419017	3333335	4000001
7	673532	3	17	65	1172	1333	1018	4095289	4000002	4666668
8	947099	1	17	85	1488	0	0	5045911	4666669	5333335
9	666429	3	17	60	1938	1883	1681	5713828	5333336	6000002
10	707806	1	17	100	1162	0	0	6427036	6000003	6666669
11	749447	1	17	55	1160	0	0	7177645	6666670	7333336
12	601495	1	17	50	1888	0	0	7780300	7333337	8000003
13	428997	3	17	65	1856	1589	1960	8211185	8000004	8666670
14	499927	1	17	95	1215	0	0	8716517	8666671	9333337
15	1023460	2	17	80	1180	1451	0	9741192	9333338	10000004
16	841932	2	17	70	1150	1764	0	10585755	10000005	10666671
17	217542	1	17	80	1828	0	0	10806211	10666672	11333338
18	1075074	3	17	50	1160	1570	1267	11883113	11333339	12000005

Total number of pulses in waveform = 35

Type 5 Radar Waveform_16

Num of Bursts = 16
Burst Interval (us)= 750000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	708055	1	5	95	1477	0	0	708055	0	749999
2	584332	1	5	50	1884	0	0	1293864	750000	1499999
3	317039	1	5	100	1215	0	0	1612787	1500000	2249999
4	946729	1	5	60	1967	0	0	2560731	2250000	2999999
5	911217	2	5	65	1384	1902	0	3473915	3000000	3749999
6	387588	2	5	75	1398	1857	0	3864789	3750000	4499999
7	937257	3	5	90	1183	1883	1306	4805301	4500000	5249999
8	548464	1	5	60	1899	0	0	5358137	5250000	5999999
9	985549	1	5	50	1514	0	0	6345585	6000000	6749999
10	478396	2	5	95	1215	1192	0	6825495	6750000	7499999
11	1056688	1	5	65	1870	0	0	7884590	7500000	8249999
12	934548	1	5	60	1887	0	0	8821008	8250000	8999999
13	475610	2	5	90	1380	1896	0	9298505	9000000	9749999
14	992156	3	5	100	1276	1387	1257	10293937	9750000	10499999
15	927836	1	5	75	1197	0	0	11225693	10500000	11249999
16	741059	2	5	85	1591	1923	0	11967949	11250000	11999999

Total number of pulses in waveform = 25



Type 5 Radar Waveform_17

Num of Bursts = 17
Burst Interval (us)= 705882

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	622256	1	18	50	1801	0	0	622256	0	705881
2	201643	1	18	60	1609	0	0	825700	705882	1411763
3	910302	3	18	55	1106	1669	1285	1737611	1411764	2117645
4	595962	1	18	70	1809	0	0	2337633	2117646	2823527
5	1012616	3	18	90	1207	1060	1775	3352058	2823528	3529409
6	345285	2	18	95	1519	1317	0	3701385	3529410	4235291
7	1180394	1	18	50	1437	0	0	4884615	4235292	4941173
8	101728	1	18	100	1427	0	0	4987780	4941174	5647055
9	821954	3	18	75	1524	1568	1693	5811161	5647056	6352937
10	781314	3	18	80	1775	1611	1245	6597260	6352938	7058819
11	1103655	3	18	70	1984	1429	1766	7705546	7058820	7764701
12	310953	2	18	90	1068	1295	0	8021678	7764702	8470583
13	820140	3	18	75	1047	1933	1106	8844181	8470584	9176465
14	736443	1	18	1156	0	0	0	9584710	9176466	9882347
15	727607	2	18	85	1308	1082	0	10313473	9882348	10588229
16	516066	3	18	60	1986	1018	1280	10631929	10588230	11294111
17	784221	3	18	60	1622	1910	1017	11620434	11294112	11999993

Total number of pulses in waveform = 36

Type 5 Radar Waveform_18

Num of Bursts = 13
Burst Interval (us)= 923077

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	216242	1	6	80	1691	0	0	216242	0	923076
2	1450402	1	6	90	1623	0	0	1668335	923077	1846153
3	854250	1	6	55	1268	0	0	2524208	1846154	2769230
4	1153995	3	6	50	1263	1150	1423	3679471	2769231	3692307
5	147680	2	6	85	1646	1215	0	3830987	3692308	4615384
6	1276685	2	6	60	1063	1086	0	5110533	4615385	5538461
7	1306317	1	6	95	1751	0	0	6418999	5538462	6461538
8	941699	2	6	100	1360	1162	0	7362449	6461539	7384615
9	334279	1	6	80	1934	0	0	7699250	7384616	8307692
10	971562	2	6	60	1558	1764	0	8672746	8307693	9230769
11	1365664	3	6	90	1622	1324	1836	10041732	9230770	10153846
12	734525	3	6	55	1805	1834	1448	10781039	10153847	11076923
13	307715	1	6	90	1792	0	0	11093841	11076924	12000000

Total number of pulses in waveform = 23

Type 5 Radar Waveform_19

Num of Bursts = 12
Burst Interval (us)= 1000000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	130159	2	19	85	1779	1572	0	130159	0	999999
2	1188830	1	19	55	1717	0	0	1322340	1000000	1999999
3	1111738	1	19	60	1860	0	0	2435795	2000000	2999999
4	1230622	2	19	90	1005	1141	0	3668277	3000000	3999999
5	1266101	3	19	75	1436	1127	1758	4936524	4000000	4999999
6	956819	2	19	65	1176	1586	0	5897664	5000000	5999999
7	915791	1	19	85	1577	0	0	6816217	6000000	6999999
8	388846	1	19	75	1826	0	0	7206640	7000000	7999999
9	1501572	2	19	50	1949	1125	0	8710038	8000000	8999999
10	303048	2	19	95	1890	1226	0	9016160	9000000	9999999
11	1102462	3	19	95	1395	1987	1282	10121738	10000000	10999999
12	1116913	2	19	55	1043	1655	0	11243315	11000000	11999999

Total number of pulses in waveform = 22



Type 5 Radar Waveform_20

Num of Bursts = 9
Burst Interval (us)= 1333333

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	112559	1	12	55	1001	0	0	112559	0	1333332
2	1571788	1	12	95	1635	0	0	1685348	1333333	2666665
3	1994409	1	12	80	1741	0	0	3681392	2666666	3999998
4	596127	1	12	90	1109	0	0	4279260	3999999	5333331
5	1672430	1	12	100	1884	0	0	5952799	5333332	6666664
6	1999179	1	12	95	1917	0	0	7953862	6666665	7999997
7	281837	2	12	95	1089	1253	0	8237616	7999998	9333330
8	2068984	1	12	75	1776	0	0	10308942	9333331	10666663
9	961757	2	12	65	1910	1988	0	11272475	10666664	11999996

Total number of pulses in waveform = 11

Type 5 Radar Waveform_21

Num of Bursts = 11
Burst Interval (us)= 1090909

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	370107	2	6	60	1998	1208	0	370107	0	1090908
2	1334719	2	6	80	1934	1245	0	1708032	1090909	2181817
3	760023	1	6	80	1724	0	0	2471234	2181818	3272726
4	1146829	1	6	95	1548	0	0	3619787	3272727	4363635
5	1779133	2	6	70	1229	1071	0	5400468	4363636	5454544
6	722946	1	6	60	1936	0	0	6125714	5454545	6545453
7	1417435	1	6	80	1202	0	0	7545085	6545454	7636362
8	470479	3	6	100	1028	1698	1000	8016766	7636363	8727271
9	847578	3	6	55	1945	1824	1567	8868070	8727272	9818180
10	1815161	1	6	85	1292	0	0	10688567	9818181	10909089
11	610464	2	6	65	1456	1548	0	11300323	10909090	11999998

Total number of pulses in waveform = 19

Type 5 Radar Waveform_22

Num of Bursts = 15
Burst Interval (us)= 800000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	416158	1	12	80	1269	0	0	416158	0	799999
2	564450	3	12	65	1278	1934	1333	981877	800000	1599999
3	639465	3	12	65	1255	1790	1967	1625887	1600000	2399999
4	1272864	1	12	95	1963	0	0	2903763	2400000	3199999
5	551632	2	12	65	1893	1733	0	3457358	3200000	3999999
6	1085975	1	12	95	1965	0	0	4546959	4000000	4799999
7	823933	2	12	100	1986	1705	0	5372857	4800000	5599999
8	472726	3	12	85	1875	1124	1074	5849274	5600000	6399999
9	660313	3	12	75	1667	1759	1704	6513660	6400000	7199999
10	1387317	1	12	65	1584	0	0	7906107	7200000	7999999
11	691290	2	12	75	1945	1292	0	8598981	8000000	8799999
12	798469	3	12	50	1065	1470	1972	9400687	8800000	9599999
13	519601	1	12	95	1244	0	0	9924795	9600000	10399999
14	1241259	1	12	65	1643	0	0	11167298	10400000	11199999
15	284960	2	12	65	1252	1205	0	11453901	11200000	11999999

Total number of pulses in waveform = 29



Type 5 Radar Waveform_23

Num of Bursts = 13
Burst Interval (us)= 923077

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	693912	2	10	70	1380	1826	0	693912	0	923076
2	584086	2	10	100	1629	1576	0	1281204	923077	1846153
3	1294805	3	10	65	1752	1375	1857	2579214	1846154	2769230
4	969918	2	10	60	1512	1789	0	3554116	2769231	3692307
5	870130	1	10	100	1048	0	0	4427547	3692308	4615384
6	733431	3	10	50	1935	1044	1325	5162026	4615385	5538461
7	707794	2	10	55	1815	1353	0	5874124	5538462	6461538
8	629646	1	10	60	1218	0	0	6506938	6461539	7384615
9	1514482	2	10	65	1262	1180	0	8022638	7384616	8307692
10	477301	3	10	65	1610	1921	1492	8502381	8307693	9230769
11	1635713	3	10	50	1610	1109	1171	10143117	9230770	10153846
12	534058	2	10	70	1018	1273	0	10681065	10153847	11076923
13	410523	3	10	60	1007	1239	1253	11093879	11076924	12000000

Total number of pulses in waveform = 29

Type 5 Radar Waveform_24

Num of Bursts = 17
Burst Interval (us)= 705882

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	520239	1	14	65	1523	0	0	520239	0	705881
2	397975	3	14	55	1440	1359	1452	919737	705882	1411763
3	625565	1	14	95	1197	0	0	1549553	1411764	2117645
4	798216	3	14	60	1177	1729	1353	2348966	2117646	2823527
5	911597	3	14	90	1358	1733	1766	3264822	2823528	3529409
6	777580	3	14	75	1285	1876	1877	4047259	3529410	4235291
7	609514	3	14	80	1043	1207	1620	4661811	4235292	4941173
8	639711	1	14	85	1875	0	0	5305392	4941174	5647055
9	374180	1	14	75	1797	0	0	5681447	5647056	6352937
10	812524	2	14	90	1891	1329	0	6495768	6352938	7058819
11	945359	1	14	100	1584	0	0	7444347	7058820	7764701
12	424791	2	14	100	1171	1719	0	7870722	7764702	8470583
13	798404	2	14	70	1974	1054	0	8672016	8470584	9176465
14	1056565	2	14	60	1511	1728	0	9731609	9176466	9882347
15	821578	2	14	70	1914	1491	0	10566426	9882348	10588229
16	351833	2	14	100	1064	1912	0	10911664	10588230	11294111
17	520083	2	14	50	1801	1245	0	11434723	11294112	11999993

Total number of pulses in waveform = 34

Type 5 Radar Waveform_25

Num of Bursts = 10
Burst Interval (us)= 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	479929	2	9	70	1265	1557	0	479929	0	1199999
2	788663	1	9	75	1107	0	0	1271414	1200000	2399999
3	2112053	1	9	55	1933	0	0	3384574	2400000	3599999
4	856845	2	9	65	1628	1490	0	4243352	3600000	4799999
5	1553400	3	9	90	1241	1607	1691	5799870	4800000	5999999
6	983398	2	9	65	1688	1244	0	6787807	6000000	7199999
7	814811	3	9	50	1053	1230	1328	7605550	7200000	8399999
8	1273810	3	9	50	1938	1059	1959	8882971	8400000	9599999
9	1142796	3	9	70	1490	1855	1034	10030723	9600000	10799999
10	1717888	3	9	75	1142	1771	1722	11752990	10800000	11999999

Total number of pulses in waveform = 23



Type 5 Radar Waveform_26

Num of Bursts = 19

Burst Interval (us)= 631579

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	160145	2	5	85	1460	1539	0	160145	0	631578
2	948246	3	5	70	1200	1335	1193	1111390	631579	1263157
3	426544	3	5	95	1117	1501	1759	1541662	1263158	1894736
4	915877	3	5	100	1724	1807	1525	2461916	1894737	2526315
5	196157	3	5	70	1234	1568	1675	2663129	2526316	3157894
6	712608	2	5	95	1891	1899	0	3380214	3157895	3789473
7	900063	2	5	60	1649	1251	0	4284067	3789474	4421052
8	617385	2	5	50	1234	1771	0	4904352	4421053	5052631
9	716267	3	5	100	1105	1858	1781	5623624	5052632	5684210
10	269383	2	5	70	1918	1099	0	5897751	5684211	6315789
11	802180	2	5	100	1868	1774	0	6702948	6315790	6947368
12	623887	1	5	75	1980	0	0	7330477	6947369	7578947
13	871243	2	5	75	1198	1767	0	8203700	7578948	8210526
14	376442	3	5	95	1858	1894	1676	8583107	8210527	8842105
15	765679	1	5	70	1326	0	0	9354214	8842106	9473684
16	315006	3	5	95	1275	1185	1910	9670546	9473685	10105263
17	559830	2	5	75	1027	1477	0	10234746	10105264	10736842
18	804247	2	5	75	1520	1504	0	11041497	10736843	11368421
19	536893	3	5	50	1731	1094	1929	11581414	11368422	12000000

Total number of pulses in waveform = 44

Type 5 Radar Waveform_27

Num of Bursts = 12

Burst Interval (us)= 1000000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	745060	3	19	95	1328	1425	1874	745060	0	999999
2	1079200	1	19	80	1625	0	0	1828887	1000000	1999999
3	382710	1	19	60	1839	0	0	2213222	2000000	2999999
4	1589707	1	19	80	1182	0	0	3804768	3000000	3999999
5	550559	2	19	50	1235	1046	0	4356509	4000000	4999999
6	874357	1	19	100	1505	0	0	5233147	5000000	5999999
7	822386	1	19	70	1438	0	0	6057038	6000000	6999999
8	1184456	2	19	100	1979	1785	0	7242932	7000000	7999999
9	975886	1	19	85	1536	0	0	8222582	8000000	8999999
10	915054	3	19	100	1476	1772	1903	9139172	9000000	9999999
11	1489252	2	19	85	1853	1094	0	10633575	10000000	10999999
12	1143621	2	19	95	1485	1518	0	11780143	11000000	11999999

Total number of pulses in waveform = 20

Type 5 Radar Waveform_28

Num of Bursts = 14

Burst Interval (us)= 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	586861	2	17	85	1038	1193	0	586861	0	857142
2	454346	2	17	85	1719	1397	0	1043438	857143	1714285
3	881149	3	17	100	1849	1146	1426	1927703	1714286	2571428
4	1486999	1	17	65	1619	0	0	3419123	2571429	3428571
5	335786	3	17	60	1609	1362	1038	3756528	3428572	4285714
6	1023568	2	17	75	1729	1351	0	4784105	4285715	5142857
7	676400	2	17	60	1183	1935	0	5463585	5142858	6000000
8	947081	2	17	65	1334	1419	0	6413784	6000001	6857143
9	452403	1	17	55	1788	0	0	6868940	6857144	7714286
10	972846	1	17	50	1353	0	0	7843574	7714287	8571429
11	1440127	3	17	90	1593	1811	1801	9285054	8571430	9428572
12	658619	3	17	60	1843	1241	1788	9948878	9428573	10285715
13	997501	3	17	100	1155	1050	1180	10951251	10285716	11142858
14	361956	3	17	75	1107	1154	1298	11316592	11142859	12000001

Total number of pulses in waveform = 31



Type 5 Radar Waveform_29

Num of Bursts = 18
Burst Interval (us)= 666667

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	125287	2	8	65	1340	1385	0	125287	0	666666
2	813879	2	8	50	1423	1703	0	941891	666667	1333333
3	644601	3	8	85	1506	1813	1884	1589618	1333334	2000000
4	856729	2	8	80	1763	1473	0	2450550	2000001	2666667
5	834846	2	8	60	1082	1679	0	3288632	2666668	3333334
6	308918	3	8	80	1484	1018	1667	3600311	3333335	4000001
7	440468	3	8	85	1131	1815	1372	4044948	4000002	4666668
8	910860	1	8	65	1677	0	0	4960126	4666669	5333335
9	785172	1	8	70	1437	0	0	5746975	5333336	6000002
10	898311	2	8	70	1519	1497	0	6646723	6000003	6666669
11	666433	3	8	100	1555	1225	1656	7316172	6666670	7333336
12	467226	2	8	55	1514	1417	0	7787834	7333337	8000003
13	608954	2	8	60	1608	1770	0	8399719	8000004	8666670
14	514072	2	8	95	1281	1943	0	8917169	8666671	9333337
15	598169	2	8	60	1476	1481	0	9518552	9333338	10000004
16	817885	2	8	70	1110	1302	0	10339394	10000005	10666671
17	546855	1	8	50	1042	0	0	10887661	10666672	11333338
18	693813	3	8	80	1589	1381	1043	11582516	11333339	12000005

Total number of pulses in waveform = 38

Type 5 Radar Waveform_30

Num of Bursts = 12
Burst Interval (us)= 1000000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	866338	2	18	85	1613	1884	0	866338	0	999999
2	376573	3	18	60	1642	1545	1517	1246408	1000000	1999999
3	1734801	1	18	70	1860	0	0	2985913	2000000	2999999
4	405365	3	18	95	1206	1747	1982	3393138	3000000	3999999
5	621858	3	18	55	1201	1541	1322	4019931	4000000	4999999
6	1823934	2	18	55	1901	1789	0	5847929	5000000	5999999
7	994185	3	18	60	1073	1817	1009	6845804	6000000	6999999
8	667744	1	18	85	1529	0	0	7517447	7000000	7999999
9	1285243	3	18	90	1465	1504	1110	8804219	8000000	8999999
10	935942	1	18	65	1428	0	0	9744240	9000000	9999999
11	676593	1	18	65	1598	0	0	10422261	10000000	10999999
12	1204042	1	18	100	1513	0	0	11627901	11000000	11999999

Total number of pulses in waveform = 24

Radars Type 6 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5615.1	1	16	5496.6	1
2	5558.7	1	17	5491.0	1
3	5649.0	1	18	5502.3	1
4	5592.6	1	19	5632.0	1
5	5570.0	1	20	5507.9	1
6	5530.5	1	21	5626.4	1
7	5553.0	1	22	5513.6	1
8	5519.2	1	23	5598.2	1
9	5547.4	1	24	5541.8	1
10	5637.7	1	25	5586.9	1
11	5620.8	1	26	5609.5	1
12	5649.0	1	27	5524.8	1
13	5575.6	1	28	5581.3	1
14	5643.3	1	29	5603.8	1
15	5564.3	1	30	5536.1	1
Detection Percentage (%)					100%

Radar waveform #1			Radar waveform #2		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
6	5581	18	8	5546	24
7	5627	21	20	5589	60
15	5580	45	33	5554	99
23	5630	69	40	5560	120
25	5634	75	54	5588	162
32	5626	96	55	5551	165
37	5595	111	59	5577	177
51	5611	153	66	5566	198
55	5579	165	77	5587	231
62	5601	186	81	5561	243
63	5589	189	89	5543	267
70	5599	210	90	5572	270
--	--	--	91	5563	273

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
21	5627	63	7	5567	21
27	5629	81	8	5558	24
28	5631	84	15	5577	45
41	5618	123	16	5557	48
50	5648	150	18	5604	54
54	5615	162	33	5575	99
56	5669	168	50	5560	150
70	5610	210	68	5600	204
72	5642	216	70	5606	210
74	5617	222	72	5578	216
79	5636	237	76	5587	228
92	5662	276	77	5592	231
93	5611	279	80	5593	240
--	--	--	87	5603	261

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
9	5597	27	2	5524	6
22	5589	66	8	5521	24
25	5549	75	55	5562	165
51	5544	153	57	5543	171
65	5543	195	68	5561	204
74	5577	222	78	5519	234
76	5584	228	95	5567	285
89	5570	267	--	--	--
93	5583	279	--	--	--

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
10	5564	30	0	5517	0
11	5577	33	2	5532	6
17	5553	51	4	5495	12
18	5550	54	7	5546	21
21	5540	63	16	5539	48
32	5557	96	33	5544	99
44	5570	132	34	5493	102
59	5583	177	39	5548	117
62	5558	186	46	5537	138
67	5549	201	49	5531	147
68	5545	204	62	5529	186
71	5582	213	69	5501	207
77	5533	231	71	5519	213
91	5590	273	72	5522	216

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5526	3	8	5641	24
6	5546	18	15	5614	45
20	5552	60	34	5645	102
24	5583	72	42	5644	126
25	5572	75	46	5620	138
30	5570	90	47	5617	141
33	5533	99	56	5608	168
37	5551	111	76	5613	228
38	5580	114	86	5640	258
44	5548	132	91	5598	273
57	5532	171	93	5632	279
64	5535	192	97	5616	291
68	5582	204	99	5625	297
76	5549	228	--	--	--
78	5562	234	--	--	--
80	5563	240	--	--	--
87	5564	261	--	--	--
99	5556	297	--	--	--

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
7	5595	21	10	5621	30
8	5586	24	13	5648	39
9	5630	27	15	5635	45
17	5610	51	20	5611	60
19	5623	57	21	5654	63
22	5589	66	56	5637	168
27	5636	81	75	5646	225
31	5615	93	82	5619	246
59	5597	177	91	5630	273
62	5601	186	98	5656	294
65	5602	195	99	5644	297
69	5625	207	--	--	--
72	5590	216	--	--	--
78	5609	234	--	--	--
83	5622	249	--	--	--
97	5634	291	--	--	--

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
7	5566	21	8	5632	24
31	5563	93	13	5612	39
41	5575	123	25	5619	75
57	5569	171	44	5618	132
58	5572	174	63	5605	189
67	5585	201	70	5640	210
74	5553	222	--	--	--
83	5576	249	--	--	--

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5578	0	2	5485	6
5	5548	15	3	5499	9
15	5585	45	23	5495	69
32	5600	96	30	5469	90
33	5562	99	36	5483	108
38	5540	114	48	5520	144
59	5561	177	64	5464	192
68	5565	204	73	5493	219
72	5574	216	79	5514	237
90	5569	270	91	5467	273
96	5556	288	93	5484	279
97	5550	291	--	--	--

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5457	3	3	5493	9
10	5471	30	17	5510	51
15	5504	45	24	5522	72
18	5474	54	25	5497	75
22	5514	66	27	5508	81
23	5499	69	30	5506	90
25	5509	75	42	5494	126
28	5489	84	46	5512	138
43	5493	129	49	5485	147
44	5511	132	75	5525	225
45	5480	135	88	5513	264
50	5488	150	95	5489	285
51	5456	153	--	--	--
58	5473	174	--	--	--
65	5506	195	--	--	--
66	5500	198	--	--	--
69	5483	207	--	--	--
70	5503	210	--	--	--
71	5508	213	--	--	--
74	5467	222	--	--	--
76	5495	228	--	--	--
81	5507	243	--	--	--
93	5496	279	--	--	--
94	5469	282	--	--	--

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
23	5606	69	2	5543	6
35	5597	105	11	5490	33
37	5619	111	15	5495	45
49	5624	147	17	5525	51
57	5615	171	22	5542	66
73	5609	219	27	5532	81
80	5612	240	32	5508	96
84	5654	252	66	5534	198
93	5641	279	69	5506	207
--	--	--	94	5496	282
--	--	--	97	5516	291

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
11	5614	33	5	5538	15
41	5608	123	9	5549	27
42	5622	126	10	5548	30
45	5604	135	18	5533	54
50	5592	150	22	5512	66
57	5617	171	26	5494	78
70	5603	210	29	5491	87
72	5601	216	40	5526	120
82	5598	246	42	5499	126
87	5630	261	77	5495	231
97	5618	291	82	5519	246
--	--	--	86	5542	258
--	--	--	94	5544	282
--	--	--	95	5521	285

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
26	5562	78	4	5534	12
40	5561	120	17	5546	51
45	5603	135	46	5547	138
48	5582	144	65	5537	195
49	5600	147	66	5544	198
50	5583	150	69	5580	207
57	5596	171	70	5558	210
69	5579	207	73	5522	219
78	5587	234	74	5573	222
88	5614	264	76	5533	228
89	5612	267	81	5545	243
--	--	--	91	5527	273

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
10	5585	30	8	5595	24
21	5573	63	11	5602	33
27	5563	81	29	5616	87
34	5598	102	49	5610	147
37	5547	111	70	5622	210
53	5605	159	80	5574	240
65	5581	195	--	--	--
69	5602	207	--	--	--
79	5591	237	--	--	--
83	5595	249	--	--	--
88	5594	264	--	--	--

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
13	5534	39	1	5580	3
30	5516	90	13	5600	39
35	5513	105	21	5578	63
49	5539	147	29	5577	87
54	5531	162	47	5544	141
75	5519	225	57	5570	171
78	5553	234	63	5590	189
--	--	--	67	5575	201
--	--	--	71	5543	213
--	--	--	81	5559	243
--	--	--	82	5564	246
--	--	--	87	5546	261
--	--	--	89	5587	267

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
16	5580	48	1	5548	3
22	5603	66	2	5536	6
28	5579	84	3	5535	9
34	5576	102	11	5523	33
37	5604	111	28	5542	84
38	5623	114	33	5569	99
42	5608	126	42	5530	126
58	5564	174	43	5560	129
68	5575	204	48	5511	144
71	5624	213	51	5512	153
75	5584	225	55	5544	165
79	5571	237	63	5557	189
90	5582	270	70	5517	210
91	5592	273	84	5541	252
--	--	--	99	5564	297

6. CONCLUSION

The data collected relate only the item(s) tested and show that the **ACCESS POINT FCC ID:**

Q9DAPIN0318 is in compliance with Part 15E of the FCC Rules.

The End